(cleaned) Participant 38 and TE Study

Livia 0:00
So let's start with your story and individual profile, so she can share a little bit about your personal journey of how you got involved in your field of work.

participant 38 1:44
Um, yeah. So I was working in India before I moved to Canada. I live right now in Vancouver. I came here in January 2020 To study data analytics at Langara college and yeah, like, I was interested in finance and like, the blockchain was the newer articles in the finance world. So I was following that closely as well. And the first time I encountered blockchain was in 2017 Boom. Like, since the bear market like I wasn't getting daily updated with the newer developments in the field, but after coming here, I was a student again, so I had a lot of time to track everything and I was developing some just algo trading projects. I was here first for the money in the game. And yeah, later on. I joined $name$ as an intern in January 2021. And yeah, the company used to tell them algo trading systems and strategies for other clients and then during the same period I met $name$ in January 2021. The company was transitioning from algo trading business to the token engineering business, as in they wanted to provide services in token engineering field for like, serving the clients, the analytics and data science part of the job intergroup token engineering. So that's how I learned like, the whole of token engineering. I like most of the members of our company us to come to regular meetings at our token Engineering Academy and in the comments. And yeah, that's where like, like me personally met many, like, pro founding members of token engineering like $ name$ $, $name, $name$ and yeah, I was bombarded with like many different knowledge and many different papers. So it took me two to three months to get a good grasp of the whole field. And yeah, like being able to contribute and speak up on some matters. Or topics. And yeah, like, so after that, like it was upgrading market like the peak was coming up. So there are many projects and new projects. Like who wanted to be to launch a token mechanism of like, maybe a defi or a governance in part. So that's why like, be getting many links from all of you guys. And yeah, like we were busy just working on token engineering projects. And yeah, like, I guess Yeah, like, finding and entering the field.

Livia 5:11
And can you tell me a little bit about your daily routine, what are your what do you do what are your practices in the in the space?

participant 38 5:27
Yeah, I mean, we had, like, I was heavily invested for the projects, or did I $name$ the farm? I wherever. And, yeah, like daily practices where? I guess Yeah, like, getting updated with, like, projects shortcoming, if you had to focus on it. And just working on it, and like developing models a $python$ scripting language. So we take updates from everywhere if someone has any findings, and $Leoric$ some people that are not that technical who can script it . So they had some ideas. So we generally take some ideas from them and try to model it down, the developers finally down. So that's what I used to do. And then also like, during the afternoons or

evenings, we try to catch up with other things in the token engineering ecosystem, like nam, like if there's something new to learn, which is which we don't know yet, or there's some new implementation. Which we should have been looking at our learning from. Since there was like a minor development going on so yeah, like, I, I like to get updated and learn new things. So I focus like I just 35% of my time doing that. Awesome,

Livia 7:18
thank you. And a big part of the study is understanding what is token engineering so how to define it. How would you define token Engineering

participant 38 7:32
Yeah, I think I don't have any new answer like I have the same definition. As I said, No, explain to us in the token value. Ecosystem flows. I don't know how that goes. Yeah. [Gaussian]. Yeah. Like turning off the coast. So yeah, I mean, like, it's the whole branch of engineering, micro economy and like, take taking all stakeholders into consideration and developing a fair, fair value system that everyone is rewarded for their good actions and there's some penalty to be imposed in the system which dissent incentivizes any misbehavior. That's the fair system and to be enforced it with our governance, structure and the values that you can accept. So it's like developing the whole micro ecosystem significant. Thank you.

Livia 8:49
And what would you say that to solving that other fields are not solving

participant 38 9:01
Yeah, I think

it's inherently with the blockchain I would say not the [D]. The blockchain solving the part where like, the rules once or once every single post, like, what's cool is pushed to the blockchain. It's immutable. So whatever rules are enforced, it can't be changed. So that's not so common in the other part of the structure like any government or any reputable company. And yeah. And yeah, it's open. So so everyone has the opportunity to look at take look at assumptions.

So, you mean

Livia 9:57
you mentioned the block like the blockchain is imposing the rules. So what token engineering is solving that other fields are not solving is the focus on

on what is being built on on the blockchain? Okay, could you what was your Could you try rephrasing that on?

participant 38 10:22
So, what I meant was, like, the ease designing the system on top of blockchain. So, there's many systems being done, let's say like, licensing autonomy in a nation. How the licensing use

lands like for our national idea for a password. That's the kind of system where if you tamper with your identity, you're penalized. So, but there are still fake passports being made and people using the government might know that certain certain secret valuable a blockchain might have not been so easy to pin down. But then yeah, like if a person loses their father died or something, then they don't have passports. So yeah, so it's another question but yeah, I'm just saying like so the roots the system, what what right now, a government or any other reputable company, how it can be. It can be like using for some other reason, so like, the rules are not enforced that strictly but yeah, here. I think we can, like, define, really, like, since we have a blockchain like it can be easily tampered. There might be some other ways to find a good point, but it's not that easy. Yeah.

Livia 12:00
That's super clear. Now. Thank you, and

What are some specific tools to use in your daily work?

participant 38 12:13
So tools, I don't use any like specific tools like I just use $Python$ scripting and some libraries that I use so yeah, like it's extremely lean. Like I'm using $CAD CAD$ kind of $Tokenspice$ since more than a year so yeah.

$Python$ Software libraries and $Cad cad$. So sorry. Yeah.

Yeah, like I'm saying I haven't used $CAD CAD$ since a long time. Just $Python libraries$ some data visualization libraries, like all of these like $Plotly$.

Yet, I just started the basic libraries. So stay I like after all this I haven't done [any to contain] project last August

so yeah, like that say I might have missed some of them. Okay,[good credit.}

Livia 13:43
You said a name of one of them that I didn't catch do you mind tapping on the chat. Beside $token spice$ and $CAD CAD$, I think you mentioned the name of the library.

participant 38 13:57
Yep. So $visualization library$

so thank you Colin fizzy platform.

[That's so charting library named charts out item.]

Livia 14:29
Thank you. Yeah, it's awesome to get specific on some of these tools because

I guess we can start to build the library off tools that people use hearing from many different presentations. Do you have two polar opposite examples of T E projects that you've been involved with?

participant 38 14:54
Can you give some more uh?

Livia 14:59
Sure. Yeah. Just examples of how

different maybe the nature of one project that you worked was from another

even if they're the types of projects or how were they using token engineering for I guess very broad, just if something comes to your mind.

participant 38 15:28
I'm not sure if I'm totally answering this question. But many projects lead us to get there. Like, not designing the tokens engineering, like not designing the economics but just simulating the system where they have designed so we just use to take the whole model and simulate it with historical data, just like with assumptions. So we used to build like a dashboard like the left we have our input parameters and on the right we used to see the simulator itself and like I guess more than half of the clients to get like this, just wanted to see their simulated reasons. And then the only some who couldn't know like how to build their own system. So then they contact us as they'd like to build a token. Look around with some the base like defining either we should go with [ESA coindeal] and NFT. Like, yeah, and NFT like how we recognize the reward system. For the some, those were like that. So projects like where like a [cooler] to can engineering was applied. And that most of the project says is simulating so they were like brainstorms in those brainstorming in those projects as well, but that that was like the discussion and some parameters might have changed after the simulate in their core model. Like 20 to 30%. But otherwise, they're just looking for us simulation to back validate their model. Does that answer?

Livia 17:35
Yeah. So yeah. Thank you. So what are areas of knowledge that you consider essential for the token engineering fields?

participant 38 17:49
That searching

Okay, I think

everything is essential in some way or the other.

Yeah. What areas do you have? Like Sorry, what areas do you recognize in the PE?

Livia 18:22
Yeah, I guess it's very it can be very broad. But just from your experience of how you've been relating with token engineering, what areas of knowledge do you see that are

participant 38 18:35
that are useful?

Think Yeah, like the core blockchain data structures are important. Like understanding how, like how blockchain works because we are developing on top of that supply understanding that is pretty important. First. And then secondly, I am lean more towards like, oh, like, if I were to analyze the economics of any other project, then I would then look at like the emissions like what percent of the tokens are [COVID beaming those around love], how much [everything misters] are present bias and how they are open to the public. That really matters like how far they're distributing. And then third would be the governance structure. So how new proposals are submitted assets and yeah, how, how well actions are taken. And then yeah, forwards finally is like I would say, how authentic is the company and how good is that reach

to the public.

That's great. Thank you.

Livia 20:24
And now we're gonna move to the challenges and needs. So what challenges have you faced personally in your work as a token engineer?

participant 38 20:43
Yeah. I don't quite remember like, challenges like I think mostly it were. Like, at some point of time, we are we all are at a stage like they feel like we don't know. What we're just going to look like are when we are getting to hiring like modeling stuff. We don't realize like would it be possible to launch these and do these on dial up mainstays in smart contracting? Because we just play with the python models and increasing modeling these that but we don't realize like, there's like, when when this design specs are converted to a development as a product that we have to ship. There are many different challenges writing the smart contract and like many constraints are enforced. So like, there might be some equations which are not easy when modelling smart contract. Is the gas fee we might get so high to like the total gas use might get so high to implement this (in?) the smart contract models. So, these are some challenges I think, but should we arrange a time when they are modeling stuff, the modeling costs. If we spent like one or two months just doing that, and then we realized like [modern day], which is provided our time and energy is spent on them. The wrong [food Yeah]. And so

and

Livia 22:57

what are some, I think you mentioned already but what can you expand and what are some common pitfalls? And practicing token engineering?

Or are just

in challenges for the field in general, like you mentioned more your personal challenges, but also if there's a challenge for the field

participant 38 23:41
Yeah, I think

yeah, maybe I it's just

I mean, there's a lot of discussion and new ideas coming up and ideally want to have the ideas to be seen as a seen as a final product to tested and reviewed. But it's not so common. So I'll find I have seen like, meetings and everywhere like to just focus on new ideas, new new mechanics outside modeling techniques and you go in and start defining [cancer] strategies by they do discuss it for two days or three days. But after that, they forget it and yeah, I mean, if, if they have an idea, I think they should work on a claim and then be possibly really viewed like if they instead of just I have seen this Milan plane te debate discuss ideas many times but they don't build and test it. So I think we should focus more on building and testing our ideas rather than just distraction.

Livia 25:20
That is a very great perspective. Thank you.

Way, what do you see are the most so taking that into consideration what were the most pressing needs for the token engineer you feel to address

participant 38 25:43
Yeah, I think its that like seeing the ecosystem developing. I think a lot of [leisure, B, C, or D occurring] all this time it could work like focusing on the right. New stuff [the food thing]. Like whatever you ask

Livia 26:20
well, what are the needs for the fields to address like is there something that is not happening in or a problem that token engineering is trying to solve? And is there a need to help the field towards those problems?

participant 38 26:42
Yeah, I think there's always a need like to build the systems. Like, yeah, otherwise everybody would. Everyone would have been a part of the blockchain until now. So there's a huge gap there. So yeah, more new systems had to be built in testing.

Livia 27:11
And now we can

move over to ethics. So can you describe the role of ethics in token engineering?

participant 38 27:23
Yeah, I think it's a very strong pillar to design a fair, fair system. And so whoever is designing the system has had to the how to relate good ethics in designing a system. Because yeah, if they have, like, unfair judgment, not like, knowingly or unknowingly to some other people. So that's, yeah, that's, that's a big branch to take into consideration here. And what do you

Livia 28:08
consider good ethics. Can you share some values of what do you think are good ethics per token he

participant 38 28:18
can narrow it down to question

Livia 28:22
what are what are values you would like to see in the space? values that you consider important for building the systems?

participant 38 28:40
Or at least Yeah, I think I haven't noticed like anything further yet.

Yeah, I mean, I'm not much focusing on those those aspects, so I can't think of any. Okay.

Livia 29:10
Do you have thoughts on on how to increase diversity and inclusivity within the fields?

participant 38 29:22
Like in the token engineering, space? like me mean people they were doing like, people working in that organization space?

Livia 29:31
Yeah, more.

Having the space being more diverse, having

participant 38 29:38
different people, as practitioners.

Livia 29:53

And last question on that matter. Do you have any concerns, ethical concerns or is there anything that keeps you up at night when you think about the direction token engineering is going? No,

participant 38 30:07
no. Okay.

So yeah, like, don't take like, don't take I don't take like this. I mean, not not that. Seriously. How do we have our phrasing but yeah, like, I'm happy then. Like, after the day, like, there's nothing like that keeps me Yeah, it's a good question. Very interesting.

Livia 30:47
Yeah, it's great that you're having some quiet sleep.

And anytime,

if you if you need more time to reflect or if there's ever anything that you're like, Oh, I thought about this later and you would like to still share with us feel free to share it later on. I know this question. Sometimes they're hard to ask for at this moment. So we will move over to finances and your perspective. What are the incentives to be a practicing token engineer

participant 38 31:28
the compensation

Livia 31:30
Yeah, like any typical rewards in terms of valuation form, so financial Orgonite

participant 38 31:44
Yeah, I mean, all the practitioners simplybe paid fairly. It's a big test pay, like in a decentralized world, cause Yeah, I mean, the survival needs financial needs are for salary. There is a lot in diverse so yeah, set up for us to do it. Yeah, as that evolves, I think yeah, that should be that should be a fairly words for all contributors that keep all the contributors coming up with with a good part in their mind that they're contributing some as anything valuable to the system and then also they are getting demanded back. Not just monetarily, but I think they would also like to see a free to go to impacting the world. So I think then that becomes everyone's responsiveness is following the space.

Livia 33:10
the question we've been asking everyone. What do you think is the average salary of a token engineer?

participant 38 33:24
Let's Saturday Yeah. I went to the average but sorry. I haven't took an average. Like, I don't know what that is. I need token engineers. But the work we have been doing we've mostly like

Python developers are more similar to like, quant analyst / Python developer role. So I will say I would like to basic the USD Salaries in the USA, and then cancel your diet and think with two or three years of experience in this space. I think they should be earning somewhere around. Around 130K USD,

at least 130. Yeah.

Livia 34:33
Thank you. And you mentioned you mentioned you're not currently working as a token engineer. Is there. A reason for that? That is tied to the space? Or it's a personal reason that

it doesn't. That is not in respect to this study.

participant 38 35:00
Yeah, I mean, I was employed with $name$ until last year August. In the bear market, we didn't have many clients ongoing. So the company laid off everyone from full time employment, and they switch to a project advisory business like [painting everyone has neither and contract]. [So thought of that as a good opportunity to see it, I would say is so I try and avoid that] and it's a company based in Hyderabad, India. I worked as a data engineer with them for four months. And then started again on a contract [which is a long day for insurance] in January this year. It's still part time we don't we are not able to get newer projects to work on. So there's not much work needed, I guess, right now in the space.

Livia 36:06
So do you feel like there's still a lack of security of a sense of financial security in the space

participant 38 36:14
100%.

Thank you for sharing. And about the future.

Livia 36:28
What do you wish for the future of token engineering? How do you see the field in the next three years?

Three years

participant 38 36:45
Yeah, I think there will be more sophisticated tools for token engineering Then I guess important as we do connection has like, like I think any anyone would be able to pick this up. Just like any developer will be able to pick this up by developers to simulate their own economic or like to test it out. And it will be like it will be matured enough like there will be like to core researchers doing their TE work. And they will be TE users who are just using design cool parts using them [to our surprise] so yeah, TE is is more like research and then we have the whole stack that

might be in three years. You could be able to pick up those two stack and do their mixing and matching of products and whatever they want to utilize it for and use it

Livia 38:16
is there any specific developments or innovations you would like to see

participant 38 38:28
Nothing specific but yeah. Yeah, like more. Think more of more of a mindset and like toolings that can easily test out their ideas. Yeah,

Livia 38:49
what types of toolings?

participant 38 38:59
Yeah, I guess just like drag and drop kind of tooling and like, you know, good toolings probably that would be or anything like but yeah, I don't know like how, like, like, there's there's many people who want to have like really good ideas that would rely on [cannabis] today. That shouldn't be the case. For them. They should be wearing two hats straight out. Like [Testing losing and they lose the modulations.]

Livia 39:48
And as AI technology continues to advance there is a potential for it to be significantly impacts the development and implementation of token engineering. In your opinion, how do you see AI affecting the field and your role in this evolving landscape? How would you like to be connected with it?

participant 38 40:13
Yeah, it's good question. [So push centralize globally on how I like what I my opinions towards the]

so yeah, like I don't I don't fear AI. I think it's this enabling me to do more work in less time. And yeah, it's still not mature enough. So I think that is something that will help everyone to be like, what you asked in the previous question. Yeah, like everyone would be able to bring it out, tested and yeah, they do. Do more in the token engineering space with AI. Because AI is an enabler. Like we ultimately are the driver. So yeah, I just see [citizens and whose]

Livia 41:23
work do you admire in the token engineering space? Do you have anyone you could recommend this to speak to next?

participant 38 41:30
Not a Lot of time now. I can give you a name maybe and if you..

Livia 41:54

think of someone and you want to write me later, that would be super, super helpful. So lastly, is there anything else you would like to share?

participant 38 42:05
I think yeah, like nothing. Yeah. I Think you. asked great questions, and I have a lot to think about. So.

Livia 42:27
Thank you so much. It was a pleasure to chat with you and feel free to reach out anytime if there's anything you'd like to share. After if there's thoughts, ideas that come to your mind, feel free to share and we'll be sharing the results of the study as soon as we have them and the people who have been interviewed like you will be the first to

participant 38 42:54
receive the report.

Awesome, yeah, I would really like to see the like, combined report and what conclusions can we draw from each

Livia 43:13
thank you so much for joining

participant 38 43:16
us have a great day. You too. All right. recording stopped