# About our interview

Meeting time: 03.17 03:30 ~ 04:00

Interviewer: **Ekaterina**

# About Company

About Neural DSP Technologies

Developer and provider of sound processing software and hardware designed for the music industry. The company offers different amplifiers and software solutions based on an advanced algorithm and machine learning for both internal tooling and black-box modeling product, providing musicians full automation of time-consuming and non-creative production work at a lower cost.

# About Job

Role: **Sr. React Developer**

* Tasks

Implementation of our graphical UI for quantum circuits synthesis and analysis.

Technology Stack

React

TypeScript

* GV SOFT - is an international IT company. Our delivery centers and software development team, located in Israel and Ukraine, are able to provide a wide range of services including acting as an extension of client's software development team. GV Soft uniquely combines a high standard of delivery with smart professionalism, accurate business experience and competitive pricing.
* About Project

The project is in the product-based quantum software company

Why to work with us?

- Work in innovative startups

- Flexible hours

- Work from home

# About me

Name: Alexis Colin

Hong Kong Name: Zhong Ding

Email: [ralchemist313@gmail.com](mailto:ralchemist313@gmail.com)

Birthday: 1991.09.07

Address: 20 Rue Gontier-Patin, Abbeville, France

Hourly: 50$/hr

Hours per week: More than 40 hrs/week

Nationality: French

Education:

Business and Development School 3A

Bachelor of Computer Science| September 2008 - May 2011

- Bachelor of Computer Science, Additional Major in Management

- GPA 17 / 20

- Award from Department of Science and Engineering

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# Interview Direction

## About me

First of all, thank you for giving me this opportunity to introduce myself.

My name is Alexis Colin. I was born on September 7 th 1991 in HongKong.

When I was 9 years old, I moved to France with my family.

As far as my education qualification is concerned, I have done Bachelor of computer science with computer science from Business and Development School 3A in France, in the year of 2011.

As far as concerned my family, I belong to a middle-class family. My father is a Businessman, and my Mother is a homemaker. My brother is preparing for civil services.

I am good at programming languages C, C++, and Javascript and especially very much interested in React and blockchain technology.

My strength is self-confidence, positive attitude, hard work.

My hobbies are: Watching news channels, Playing volleyball, Listening to music.

## Why are you applying for this job? (or)

It's a great privilege to work in a reputed company like yours. When I read about your requirements, I found that my skills are matching with them. Through this role, I can show my technical skills to contribute to the company's growth.

## What are your salary expectations?

I am more interested in the role than the pay, and I expect to be paid appropriate money for this role based on my experience.

## Why is my French not good?

I moved to many countries to work after moving to France.

So my French is not good.

## Please tell me about your relevant work experience that would go intact with the position you applied to?

As you can see from my resume and cover letter, I have worked as a senior React developer for HUEX STUDIO company in Sri Lanka.

My value quickly became apparent to HUEX STUDIO’s shareholders after I single-handedly trained and developed and developed. At that time our team became the top team in

HUEX STUDIO since the second year.

There, I have developed so many projects i.e. SaaS and Shopify/E-comer projects integrating several backend platforms such as Laravel and Ruby on Rails and Django and so on.

I think my typical 3 years experience in HUEX STUDIO company will be of great use.

## What would you say are your strengths for this position?

Passion, creativity, discipline and honesty: these are my main strengths for my work.

I am a crazy passionate person. I love working and developing.

If I start work, I can work, spending all my time even more than 8 hours a day.

You will be surprised by my passion.

## Experience

As you saw my resume, my development career has started as a Web designer.

It was a really important and useful experience of my career.

I was hired by Webincorp company in Qatar as Web designer, and have worked for 5 months.

After that, I have worked in many international companies as many roles i.e. Front-end Web Developer, Full Stack web developer and senior react developer mainly in remote.

I think my appropriate role for this job is Senior React Developer in HUEX STUDIO in Sri Lanka.

| Discovered in upwork.com by HUEX STUDIO and joined team of that company as a real member. Here 15 people were working in this team. Our team mainly focused to develop and maintain many React/React Native software products while working more than 50hrs/week. Before leaving the company, assigned front-end of many blockchain web project i.e. NFT Marketplace, Dex/DeFi, DAO and connected that to smart contracts using web3.js  http://huex.io (Tools used: React.js, React Native, Native Base, Redux, Router,  CSS/LESS/SCSS/TailwndCSS, ES6~9, Gatsby.js, Next.js, Typescript, RESTful API, GraphQL/Hasura, Socket.io, Web3.js) |
| --- |

Most importantly, my latest role is senior blockchain developer.

Now, blockchain has been gaining so much popularity for a few years.

About 3 years ago, I was interested in trending blockchain technology and single-handedly trained and trained and applied for Singapore company to test me.

Eventually, I have passed the test and became a blockchain developer at that company.

There, I have developed many blockchain projects integrating React.js library i.e. NFT marketplace and Defi project and so on.

So I think my experience in blockchain is also useful for your company.

Once the opportunity arises, I will never miss it.

This is not my pride, I just told my experience.

Thanks for listening to my explanation.

## What are some of the things that you want to try to learn by joining our company?

You know, my dream job is to be a CTO or CEO of a large company.

Of course, I know it is very hard to be CTO.

It takes a long time to become a CTO, and you need to have held some leadership positions after you have held some technical roles. Much of the role of the CTO is not about coding; it is more focused on strategy, governance, leadership, evangelism and influencing.

You must include Technological awareness, Technical skills, Business knowledge, Product management knowledge, Team management/ leadership.

To become a CTO, I am single-handedly training and training and improving my own skills.

And by joining your company, I am going to improve my primary skills i.e. React, AWS and teamwork skills even more and on the other hand, improve leadership skills.

I will do my best to achieve my dream.

## What I like

I love running as well as programming.

We developers work many hours in a day sitting on a chair.

So exercise is essential for us. I run every day at 5:00 a.m. for 30 minutes.

After running, I feel refreshed and clear of mind.

And also, I am a minion lover.

They are so cute. Most of my avatars are minions.

## Why do I hate LinkedIn?

LinkedIn requires spending a lot of time making connections with people I don’t know and crossing my fingers. With every new connection that dead-ends, the newsfeed starts to look more like spam.

As a typical example, after I created my LinkedIn profile, so many connections had been alerted everyday.

“Hey, I want to use LinkedIn for only development“

But it couldn’t because it is a social network, not only a development network.

“I can’t stand it any more. I will permanently delete my linkedin account and never use it”.

One day I decided to like this and tried that.

And after that if clients require my linkedin profile, I say “Hi, client! I don’t have a linkedin profile. If you wanna see my profile, then please see my github profile and personal website, please.”

## What makes me happy

I go to the restaurant or park and enjoy time with my family once every week or two weeks.

Sometimes I play football with my friends.

Whenever at that time, I feel happy and think “This is the life”.

But if you need, I am willing to dedicate my weekend time to work.

For a great success!

## What is something you think is true that most people disagree with you on?

It's the necessity of investing in employees training and education to improve their morale and performance.

## Please describe your dream job.

Hello, everyone.

I am going to talk about my dream job.

My dream job is to be Chief Technology Officer of a large company.

Of course, I know it is very hard to be CTO.

It takes a long time to become a CTO, and you need to have held some leadership positions after you have held some technical roles. Much of the role of the CTO is not about coding; it is more focused on strategy, governance, leadership, evangelism and influencing.

You must include Technological awareness, Technical skills, Business knowledge, Product management knowledge, Team management/ leadership.

To become a CTO, I am single-handedly training and training and improving my own skills.

I will do my best to achieve my dream.

Time will prove it.

Thanks for listening to my explanation.

## What made you get into programming?

When I was a child, I was so interested in computer games.

At that time, tetris and bug catcher were so funny trending games and while playing, I wanted to develop like these games which can attract so many people.

That was the motivation that made me become a developer.

So, after that I entered a college and majored in computer science and learnt many development skills.

Of course, I am a web & mobile developer, but not only web & mobile developer.

I am also an advanced game developer.

Until now, I used to develop many web games with javascript in my free time.

It is my habit now.

## What is your favourite game?

My favourite games are many including warcraft and company of heroes and so on.

But I still prefer simple games and offline games like tetris and color matching games even though there are many 3d games that simulate real life.

This is my special hoppy.

## What do you value the most? Family? Or Honesty?

Of course, both are import values.

But I think honesty is more important than family.

We are developers.

Working together can produce more results than working alone.

I love teamwork so that we can discuss and solve problems if we have some issues.

So, to collaborate well, honesty is very essential for our developers and we have not to cheat or lie to each other.

## How many years have you been using React?

I have 6+ years experience of React development.

## How many production level React based web dashboards (not single page) have you built so far? By production level, we mean the products are live on the commercial markets with real users using them.

So far, I have built 9+ React web application products.

Followings are the typical urls.

fortnitemaster.com

carlinwright.com (e-commerce)

boonsupply.com (e-commerce)

## How many years have you been using React Native?

I have 4+ years experience of React Native development.

## How many React Native mobile applications have you built so far, if any?

I have built 14+ React Native mobile applications so far.

itunes.apple.com/us/app/hacker-news-reader-react-native/id1067161633?mt=8

## Have you worked with any US start-ups? If yes, how long was your engagement?

As you can see from my resume, I haven't ever worked for any US start-ups. But I have work experience in startup company. Work experience in CO2TKN Pte Ltd and HUEX STUDIO is a typical example.

As I told you, I love hard work for the great success of startup companies.

## What are the 5 stages in developing a program?

At the most basic level, we employ five stages during the software design process: **research, ideation, design, development and iteration**. These five elements parallel the most basic questions of “who, what, when, where and how” that are needed to fully answer any set of questions.

# My Questions

## Do you have any questions for me?

First of all thank you very much, for being so much polite & friendly to me throughout the session, that I can express myself so easily. Can you please tell me that what are the qualities you are expecting from candidates like me & I want to know, if am selected, then what should I improve before I join your company, even if I am not selected, your opinion will help me to the upcoming interview.

1. I would like to know how many members are in your team and each roles of them.
2. What communication tools do they use?
3. Which time zone are they working in?
4. 2.1 What do you know about the company?

Developer and provider of sound processing software and hardware designed for the music industry. The company offers different amplifiers and software solutions based on an advanced algorithm and machine learning for both internal tooling and black-box modeling product, providing musicians full automation of time-consuming and non-creative production work at a lower cost.

Neural DSP is developing technology to advance the state of the art in the music industry by at least two decades an order of magnitude earlier.

As a member of the web team, you will be responsible for maintaining, improving, and expanding Neural DSP's web platforms. and future products.

This position offers the ability to take ownership of a new product from the ground up, and contribute to architectural decisions, best practices, and development processes within the team.

1. 2.2 Why are you interested in working at this company and in this role?

This position is best suited for those who have:

* Effective prioritization. organization, and time management skills
* Excellent written and verbal communication skills, with the ability to explain complex concepts in a simple manner
* A detailed eye and/or a background in design
* Comfort in working autonomously and flexibly in a company that grows and moves quickly
* A track record of approaching projects with a strong analytical approach, and the ability to break them down into small pieces

Required Qualifications

For the Senior Frontend Developer position, we are looking for someone with a strong, focused background on the frontend. From reviewing and thinking ahead about designs, to breaking down a UI into small components, developing performant and secure code that meets web accessibility standards, state management, and unit and e2e testing, we're looking for a developer who can take ownership of their work and a product.

* 5+ years of experience with HTML, CSS, and JavaScript development
  + A strong understanding of web accessibility standards and HTML semantics
  + A comfort with / preference toward writing modern CSS without utility-class frameworks
* 5+ years of experience with React
  + A strong understanding of functional components and hooks
  + Experience with Next.js is a bonus
* 3+ years of experience working with TypeScript and Redux
  + Or another state management library
* Strong experience with debugging and testing, both unit and end-to-end
  + React Testing Library
  + Cypress
* Experience working with Axios and consuming RESTful APIs

Desired Qualifications

* Shopify (Liquid)
* Contentful CMS
* Building design systems
* Product ownership
* SEO principles, web analytics, performance, and security compliance
* AWS Experience (managed using an Infrastructure as Code framework, e.g. AWS CDK)
* An interest in a culture built around music, musicians, and musicianship

Technologies Used

* React / Next.js
* React Testing Library / Cypress
* TypeScript
* Easy-Peasy (Redux)
* Styled Components / Tailwind
* Figma
* Shopify (Liquid)
* Contentful

1. 2.3. If applicable, why are you interested in relocating to this country?

Taking a chance on relocation **can lead to career growth and new opportunities**. Relocating can open the door to new opportunities you never thought possible. In moving, I depended on getting to know my co-workers and learn about the area as much as I could.