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Education

2010 – 2022

Ecole Jeannine Manuel, International Baccalaureate

Final Grade: 41/45

Founding member of Coding Club - our club finished 15th nationally in the Prologin national competition

Founding member of Virtual Investment Club - managed a virtual portfolio

My Mathematics Internal Assessment investigated the use of matrices in recommendation engines. More specifically, I looked at the use of matrix factorisation by gradient descent. I also covered its trade offs compared to other matrix factorisation techniques such as SVD and stochastic gradient descent.

My Environmental System and Societies Internal Assessment investigated the environmental impact of cloud computing/data centers. More specifically, I looked at the hidden environmental costs of cloud storage. This involved direct cloud storage services such as Google Drive but also that of social media platforms. I also analyzed the environmental costs of cloud storage vs hard storage and the recent interest around “green” data centers.

Work Experience

Yedi App

Mar - Current

Software Development Internship.

Yedi is a small start-up based out of the US that is looking to upgrade the standards of restrooms in restaurants and retailers through their monetisation.

Novaa, Inc

Dec – Mar 2023

Software Development Internship.

Novaa, Inc is a small EdTech start-up based out of Tokyo. It is a language learning platform primarily targeted to Japanese > English language learners.

My initial role was to support the tech lead in building out the app. The first 6 weeks of the internship were primarily spent developing the app in Unity and C#. After that I was given the responsibility of building out the entire backend. I built the server using Node & ExpressJS, in Typescript and used MySQL for the database. I served a Docker image of the server on a Cloud Run service on GCP to handle autoscaling. I also trained an Azure Conversational Language Understanding model for intent detection in dialogue.

This was an invaluable first professional software development experience. Although I very much enjoyed the first weeks in which I was more closely followed by the tech lead, I am also proud of the fact that I was entrusted with the responsibility of developing the entire backend on my own.

Le Figaro

Jun 2019

Summer Internship.

I shadowed a journalist in the literary department of the french daily newspaper, Le Figaro. I was also given the opportunity to shadow two other journalists, for shorter periods of time, in the cinema department and economic department. An article I co-wrote with another intern was published on the Le Figaro website.

Personal Development

Language Learning

Born in Paris, of French nationality on my father's side and British on my mother's side, I spent the first few years of my life in New York before returning to Paris where I received a bilingual education. Naturally my two native tongues are French and English. However, I have also reached a working proficiency level in Spanish. From age 8 to 16 I studied Chinese and went to China on two occasions to practice my skills, which later led me to earning the HSK 3 certificate.

Sports/Volunteer Work

Outside of coding, I have a passion for sports. From canoeing and kayaking to football and basketball, I've always loved to play sports. In the summer of 2021, I went to Accra, Ghana to work in a youth center, assisting the coach in leading the youth basketball teams. This position was valuable in teaching me leadership skills, and I hope to go back in the near future.

Camping

As a young child and teenager I spent all my summers canoeing and kayaking in Vermont. We would leave on canoeing trips twice every summer, paddling through the Canadian wilderness for up to 34 days at a time. Led by two seasoned trippers and

nothing but our wits and wooden boxes to hold our belongings, these trips helped me build some of my most meaningful relationships and discover nature in its purest form.

Hobbies and Interests

+ Computer Building + Cinema