Frying Pan

Education

Bachelor of Science, Computer Science. GPA: 3.89
Expected Graduation: May 2023
Concordia University – Montreal, QC.

   Courses: Data Structures & Algorithms, Java OOP, Web Applications, C++ Program Design, Big Data Analytics.
   Activities: VP Academic of the Software Engineering Society – organized 6 technical workshops to over 1000 students.

Experience

Coinbase – Montreal, QC.
Jan 2022 – Apr 2022
Incoming Software Engineer Intern
Cisco Systems – San Jose, CA.
May 2021 – Aug 2021
Software Engineer Intern
Front-end development in the CX Cloud Angular Nx monorepo.

- Led team of 3 interns to enable safer and faster feature deliveries for the entire team by kickstarting the transition to Cypress and integrating hermetic UI tests into our CI/CD pipeline **(Cypress, CircleCI, YAML)**.
- Presented my technical proposal regarding this transition to the SVP & engineering team and received positive feedback.
- Implemented/debugged numerous UI features and components; learned about monorepos, trunk-based development and feature flagging best practices **(Angular, RxJS, TypeScript, Jest)**.

Genetec – Montreal, QC.
   Jan 2021 – Apr 2021
Software Developer Intern
Full-stack development in a large microservice codebase following the Kanban methodology with Azure DevOps.

- Improved software security by implementing **back-end** features such as tracking screenshots taken from videos and implemented/debugged over **20 front-end** features **(REST, C#, ReactJS, TypeScript, Redux, Flux)**.
- Implemented a feature to limit the number of parallel file uploads which reduced app CPU usage by up to **20%** and learned to debug **multithreaded** applications (semaphores, locks, event handling).
- Improved coverage by writing unit, integration and functional **tests** (Docker, message queues, Azure, Jest, xUnit).

Concordia University – Montreal, QC.
   Jan 2021 – Apr 2021
CS Teaching Assistant

- Prepared and conducted weekly tutorials for over **30** students in the course **Object-Oriented Programming II (Java)**.
- Learned to better explain technical concepts, gave detailed feedback and received a **98% rating** from my students.
- Uploaded my sessions to YouTube to help all future students (1000+ views).

Projects

r/WallStreetBets DD Recommender – [GitHub](#)   Jan 2021 – May 2021

Created a model to make the access to stock research easier. Aimed to help busy retail investors quickly filter out the best stock trends. Currently gathered over **500 sign ups** through the [landing page](#) built with Google Firebase.

Preprocessed and labelled large amounts of data **(Python, PySpark, SparkNLP)** and trained a model with the Naïve-Bayes algorithm which can detect if a reddit stock post is good or bad with 70% accuracy **(scikit-learn)**.

Online Grocery Store – [Website](#)

Jun 2021 – Aug 2021

Led team of 6: organized meetings, delegated tasks, helped teammates debug, etc., leading to a final grade of **100%**.

Implemented the entire login system to allow **CRUD** operations on the user list **(JavaScript, PHP, MySQL, HTML, CSS)**.

Designed the overall website concept/layout, implemented responsive home & product pages and deployed on Heroku.

Programming Skills: Java, JavaScript/TypeScript, Python, C#, C++, PHP, SQL.

Other: Git, ReactJS, Angular, Redux/Flux, HTML, CSS/Bootstrap, Jest, Apache Spark, MapReduce, Scikit-learn, Azure.

Interests: Making tech related YouTube videos (5M+ views, 100k+ subs), Twitch, Podcasts.