Allen Kaplan, Software Engineer

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Skills

Advanced Go, Java, JavaScript, Vue.JS, PostgreSQL, CockroachDB, Redis, MongoDB, Git, Docker, Agile

Intermediate C, Python, HTML, CSS, Kubernetes, GCP, AWS, Linux, gRPC, Protobuf, ElasticSearch, Postman

Work Experience

Backend Software Engineering Intern // Coinbase   May 2021 – August 2021
- Incoming intern at Coinbase working on the **cloud infrastructure** team

Lead Software Engineer // WheyPal   September 2020 – Current
- Architected system by designing a **Vue.JS + Go** web platform to match users as workout partners; Used **Go**, **SQL & Redis** to create a service-oriented architecture with API Gateway.
- Implemented DevOps and CI/CD pipeline with **Docker**, **Kubernetes & Elastic** on **AWS**.

Software Engineering Intern // AFA Systems   September 2019 – December 2019
- Optimized work of 100+ employees by creating automated package tracking with third-party APIs and automated invoice processing with **OCR, Java and SQL.**
- Led the development of a web platform managing financial quotes in **Go, Vue.JS & SQL.**

Engineering Research Assistant // BEST Lab, York University   June 2020 – August 2020
- Worked on engineering innovation frameworks that are **taught to over 1000 students**.

Leadership Experience

President, Lassonde Engineering Society // York University   May 2019 – April 2020
- Led 40-person team representing 1600+ students; **Grew budget from $10,000 to $50,000**.

First Year Orientation Chair, 2020 Cohort // Lassonde School of Engineering
- Hired and **managed 100 orientation leaders** for 800 incoming students during COVID-19.

Education

BEng. Software Engineering, Big Data Stream // York University   Sept. 2017 - June 2022
3.4 GPA // Bergeron Entrepreneurs in Science and Technology Certificate

Lean Six Sigma Green Belt // Council for Six Sigma Certification   August 2020
- Certified in process improvement by identifying problems and eliminating inefficiencies.

Competitions

International Engineering Commerce Case Competition // 1st Place   February 2020
- Won a five-day case competition made of two 6-hour cases and one 12-hour case; **Presented to executives from Elastic, L3Harris and Deloitte** on cases with IoT, AI, ML and Industry 4.0

Rendevouz - BrickHacks 7 // Best Use of CockroachDB   February 2021
- Developed **Go** backend and **SQL** database to match users to "rendevouz" at local restaurants

Canadian Engineering Competition, Consulting // 3rd Place   March 2021
- Engineered an IoT solution for sustainability at the University of New Brunswick in 8 hours
- 8 teams from the top 2 teams from Western Canada, Atlantic Canada, Ontario, and Quebec

Ontario Engineering Competition, Consulting // 2nd Place   January 2021
- Created an online education web platform with a cryptocurrency and VR/AR in 6 hours
- 15 teams of 4 engineers from the 1st place team at each university level qualifier competition