

# Allen Kaplan, Software Engineer

allenkapan.com // allenkapan07@gmail.com // (647)-975-8120 // linkedin.com/in/allen-kapan

## 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

- Developed tax center service available for 100% of Coinbase US retail and business clients,
- Implemented service backend HTTP and gRPC endpoints in **Golang** with **MongoDB** datastore enabling users to autogenerate tax forms and view rich transaction data with gains/losses.

**Founder, Software Engineer // Radar** September 2021 – Current

- Created Radar platform, working on both product and engineering-- revolutionizing the way thousands of people meet to share hobbies, do activities, and go to events.
- Led engineering of service-oriented backend using **Go, SQL and Redis** with gRPC and REST.
- Implemented DevOps and CI/CD pipeline with **Docker** and **Kubernetes** on **AWS (ECR, EKS)**.

**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 2021

- Worked on engineering innovation frameworks that are **taught to over 1000 students yearly**.

## 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 // Lassonde School of Engineering** 2020 & 2021 Cohorts

- Hired and **managed 100 orientation leaders** for 1400 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

➤ **Best Use of CockroachDB // BrickHacks 7 // Authentic Connections** February 2021

➤ **Best Use of CockroachDB // TOHacks // Distributed Carpooling Service** May 2021

➤ **Best Use of Google Cloud // RUHacks // Accessible Diabetic Support** May 2021

Won hackathons through implementing and fully deploying projects developed with a stack of: **Go** backend, **SQL** database, **Vue.js** frontend, **Google Cloud Run Docker** deployment.

➤ **1<sup>st</sup> Place // International Engineering Commerce Case Competition** February 2020

Won a five-day IoT, AI, ML and Industry 4.0 case competition made of two 6-hour cases and one 12-hour cases; **Presented to executives from Elastic, L3Harris and Deloitte**.