

Avik Hasija

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Skills

Languages: Python, JavaScript, Java, C++, SQL, HTML/CSS

Frameworks/Libraries: React, Redux, VueJS, Node.js, MongoDB, Postgres, Webpack, Android SDK

Design Tools: Sketch, Photoshop, Illustrator, InVision, Figma, Lightroom

Experience

Software Engineer - Minted, San Francisco

Sept. 2019 - Present

- Software Engineering intern on the growth and marketing team.

Product Manager - Correlation One, New York City

Jan. 2019 - Apr. 2019

- Architected, programmed, and shipped several features for *Terminal*, the flagship product of C1 Games.
- Released client facing admin panel, custom user applications, and other infrastructure to support sponsored online competitions, pioneering a **new business line** which yielded \$400k in 2019.
- Streamlined user data pipeline **across products** to automate calculation of proprietary C1 score.
- Routinely wrote specs, performed user interviews, competitor research, and post-release KPI analysis.

Software Engineer - Correlation One, New York City

May 2018 - Aug. 2018

- Overhauled user on-boarding journey through implementing manual play functionality for *Terminal*.
- Designed scalable **PostgreSQL** database and REST API in Python using **Django** ORM framework.
- Built several **VueJS** frontend components; implemented flux architecture for state management using **Vuex**.
- **Dockerized** game engine Java application and set up autoscaling **Kubernetes** clusters in Google Cloud.

Software Engineer & UI/UX Designer - American Express, Toronto

Sept. 2017 - Dec. 2017

- Designed and developed *Amex Ideas*, an internal platform to catalog business ideas. Created wireframes in **Sketch**, and developed backend, API layer, and front end using **MongoDB, Node.js, Express, and React**.
- Designed user flow and developed Android prototype for *Amex Unlocked*, a proposed gamification feature.
- Built CRUD functionality for *Insurance Services Portal* application in Java, saving \$10,000 per client annually.

Android Developer - CBC/Radio-Canada, Toronto

Jan. 2017 - Apr. 2017

- Developed new features, user interfaces, and bug fixes in major redesign of CBC News Android app in Java and XML, leading to a **16% increase in MAUs** to over 500k+.
- Created proof of concept **Android Instant App** and **Android Auto** app for CBC News.

Projects

Infor[me] - Released mobile app for personalized announcement feeds in high school with 1000+ students.

Learning Lock - Android lockscreen which discerns user from intruder based on how pattern is drawn.

Political News Bot - Messenger chatbot relaying news from sources representing differing political views.

Awards

1st Place - AmEx Canada GrowthHack

1st Place - Waterloo Engineering Competition

2nd Place - Ontario Engineering Competition

Education

University of Waterloo

Systems Design Engineering, 2021