

## Google | Software Engineer

Aug 2019 - Present | Mountain View, CA

- Engineered features for **RCS** Provisioning in **Android Messages** app, using **Java**
- Improved telemetry for HTTP requests, enabled debugging with 3rd party backends
- Triaged and solved incoming bugs across numerous carrier and device configurations

## Facebook | Software Engineering Intern

Summer 2018 | Menlo Park, CA

- Developed new features for **Messenger** android app using **Litho** and **GraphQL**
- Used experimentation frameworks to A/B test features around the world
- Implemented search functionality across new experimental feature
- Improved client caching strategy, lowered network usage and improved data freshness

## Uber | Software Engineering Intern

Summer 2017 | San Francisco, CA

- Built an integration between Facebook Graph API and Uber Trip Experiences
- Developed a console for 3rd party developers to see failed webhook deliveries
- Ingested error logs from distributed services using **Kafka**, stored logs in **Elasticsearch** database

## Hatch Canada | Javascript Instructor

Jan 2017 - May 2017 | Toronto, ON

- Educated students on **Javascript** fundamentals and **Processing.js** in an after-school program

## OpenSports | Front-End Developer

Jun 2015 - Aug 2016 | Toronto, ON

- Used **React-Native** to build 5-star rating system between app users
- Lead developer on a team of 4, developed an **Android** app for the City of Newmarket
- Used **Express.js** and **Node.js** to create client-facing web pages.
- Developed a twitter bot that used **NLP** to find and follow potential users, improved social outreach

## Woburn Robotics | Mentor

Jan 2016 - Jan 2019 | Toronto, ON

- Mentored a team of 30 students to compete in the FIRST Robotics Competition

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Android	C++	CSS	Elasticsearch	Express.js	Firebase	Git
Go	HTML	Java	Javascript	Litho	NodeJS	OpenCV
SQL	Python	React	React-Native	SolidWorks	XML	Yaml

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## Blog

[Nobody is reading your resume, here is why](#) • [How to ace an internship](#) • [Coding Interviews Unravalled](#)  
[3 ways to stand out at a career fair](#) • [How I landed jobs at Google, Facebook and Uber](#)

## Physics World

Android app for simulating 2D-physics. Built a **2D physics engine** from scratch, capable of handling projectile motion and simple collisions.

## Imagenda

Android app that uses **OpenCV** and **OCR** that converts a picture of a printed schedule into event you can save in your phone's calendar. Useful for printed schedules at hackathons or conferences.

## Nutty Ninjas

**Java** game about battling Ninjas. Game AI uses machine learning to learn and execute complex time-sensitive strategies. Implementation details on [vanshil.com](#)