

Vanshil Shah

Contact

+1 647 967 1885

www.vanshil.com

me@vanshil.com

github.com/vanshilshah

Education

University of Toronto BSc

Computer Science Specialist

September 2015 – April 2019

(expected)

Skills

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

Achievements

UofTHacks III

Event Organizer

Cisco DevNet Hackathon

3rd Place

OTSC Provincial CAD Skills

3rd Place

TDSB CAD Skills

1st Place

Ryerson Sportshack

3rd Place

DECA Regional Exam

Top 10

DECA Oral Presentation

Top 10

TDSB EdAppHack

2nd Place

Relevant Experience

Facebook | Software Engineering Intern

May 2018 - August 2018 | Menlo Park, CA

- Developed new features for Messenger Android using **Litho** and **GraphQL**
- Used experimentation frameworks to A/B test features around the world
- Implemented Search across multiple pages of a new feature
- Developed a unique caching strategy to save network usage while consistently maintaining fresh data

Uber | Software Engineering Intern

May 2017 - August 2017 | San Francisco, CA

- Built an integration using Facebook Graph API and UBER **Trip Experiences** to match a trip destination with users' Facebook Events (written in **Go**)
- Improved debugging experience for 3rd party developers by developing a debugging console in **React** and **Go**
- Used **Elasticsearch** and dynamic templates to store error logs produced across many services ingested from **Kafka**

Hatch Canada | Javascript Instructor

Jan 2017 - May 2017 | Toronto, ON

- Educated children (ages 7yrs - 17yrs) on basic **Javascript** fundamentals and **Processing.js** in an after-school program

OpenSports | Front-End Developer

June 2015 - August 2016 | Toronto, ON

- Used **React-Native** to build 5-star rating system between app users
- Lead developer on a **native Android** app which I brought to completion
- Used **Express.js** and **Node.js** to create client-facing web pages.
- Improved social media outreach by developing a **twitter bot** that used **NLP** to find and follow potential users

Woburn Robotics | Mechanical Design Lead

2011 - 2015 | Toronto, ON

- Lead a team of 30 students to compete in the FIRST Robotics Competition
- Participated in 4 regional competitions, earning 2nd place in 3 of them
- Used **Solidworks** and **Autodesk Inventor** extensively to model prototypes

Projects

www.vanshil.com/projects

PhysicsWorld

A 2D physics simulation Android app featuring a **built-from-scratch physics engine** capable of handling projectile motion and simple collisions.

ImAgenda

An app that uses **OpenCV** and **OCR** to let you take a picture of a printed schedule and convert it into events that you can save in your phone's calendar.

Nutty Ninjas

A game about battling ninjas built with **Java** and **Jframe**. The built-in AI uses a machine learning algorithm capable of learning and executing complex time-sensitive strategies. More info on how I built it can be found on my site.