

# Vanshil Shah

## Contact

+1 647 967 1885

[www.vanshil.com](http://www.vanshil.com)

[me@vanshil.com](mailto:me@vanshil.com)

[github.com/vanshilshah](https://github.com/vanshilshah)

## Skills

Android	Javascript
C++	NodeJS
CSS	PostgreSQL
Express.js	Python
Git	React-Native
HTML	SolidWorks
Java	XML

## Education

### University of Toronto BSc

Computer Science Specialist

September 2015 – April 2019

(expected)

## Achievements

### Cisco DevNet Hackathon

3<sup>rd</sup> Place

### OTSC Provincial CAD Skills

3<sup>rd</sup> Place

### TDSB CAD Skills

1<sup>st</sup> Place

### Ryerson Sportshack

3<sup>rd</sup> Place

### DECA Regional Exam

Top 10

### DECA Oral Presentation

Top 10

### TDSB EdAppHack

2<sup>nd</sup> Place

## Certifications

### CPR-B Emergency First Aid

Red Cross

### Network Fundamentals

Cisco Network Academy

### HiFive Training

City of Toronto

## Relevant Experience

### Javascript Coach - Hatch Canada

Jan 2016 - Present

- Educated children (ages 7yrs - 17yrs) with basic Javascript Fundamentals and Processing.js
- Helped students debug code and build a strong foundation in Javascript syntax
- Collaborated with other 3 other coaches to manage

### Front-End Developer - OpenSports

June 2015 - August 2016

- Added client-facing features such as inter-user feedback throughout the app using React-Native javascript framework
- Lead developer on a native Android app that I completed for a client.
- Used Express.js and Node.js to create client-facing webpages that displayed app content to improve sharing events to non-app users.
- Improved social media outreach by developing a twitter bot that found and followed potential users

### Mechanical Design Lead - Woburn Robotics

2011 - 2015

- Created a robot with a team of 30 to compete in the annual FIRST Robotics Competition
- Mechanical Design Head of the High School Robotics team
- Participated in 4 regional competitions, earning 2nd place in 3 of them
- Gained proficient experience in CAD programs such as Solidworks and Autodesk Inventor

## Projects

[www.vanshil.com/projects](http://www.vanshil.com/projects)

### PhysicsWorld

[/physicsworld](#)

A 2D physics simulation app that for android devices. The app featured a built-from-scratch physics engine capable of handling projectile motion and simple collisions.

### ImAgenda

[/imagenda](#)

An app that uses OCR and Computer Vision 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

[/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.