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## EXPERIENCE

- Wish • Mobile Software Engineer • San Francisco, CA** *May 2017 to Present*
- Worked on Wish's global line of E-commerce Android and iOS applications and website
  - Individually launched a new Android feature that incentivises users to review more products **[Java/Python]**
  - Implemented a new payment method to accomodate low liquidity users **[Java/Python]**
- UW Robotics Team • Project Manager • Waterloo, ON** *Sept. 2016 to Dec. 2016*
- Delegated tasks to teammates, managed funds, and integrated the software and hardware components
  - Created music-playing and room-navigating robots which won second place **[C/C++]**
- No Frills Supermarket • Cashier • Mississauga, ON** *June 2014 to Oct. 2014*
- Developed strong communication skills and customer service experience
  - Applied programming skills to create software that retrieved product codes **[Java]**

## SKILLS

### Proficient

Java • Python • C#  
C • C++ • Lua

### Familiar

JavaScript • Swift  
Arduino • CSS • HTML

### Technologies

Git • Subversion • Android  
MongoDB • Firebase  
Unity • OpenCV • Node.js

## EDUCATION

**University Of Waterloo**  
**Software Engineering**  
Candidate for BSE in 2021

**96.7% 1A • 95.6% 1B**  
**Dean's Honours List**

## SCHOLARSHIPS

- Scotiabank and UW Software Engineering Scholarship, \$15,000
- UW President's Scholarship, \$5,000

## PROJECTS

### Online Roblox Games [Lua]

- Created several popular youth games for the Roblox platform
- Accumulated over **27 million plays** and earned over **\$29,000** in revenue
- Work includes code maintenance, advertising, and customer support

### Pronto Android App [Java/Python]

- App that uses linear regression machine learning to sort the daily messages in congested Facebook group chats

### Hands-Free Snake [C/Java/OpenCV]

- Computer vision arcade video game that is controlled exclusively with facial expressions for use by children suffering movement disabilities

### SportiGO Android App [Java/JS/Firebase]

- Crowd-sourced Android app which allows users to organize and join sporting events in their community

### A.I. Labs Android App [Java/JS/Lua]

- App that teaches programming and AI design by having the user create and face off AIs for arcade games right from their phone
- Created a mobile IDE equipped with syntax highlighting and auto-complete
- Synchronized viewing of the AI battle for all participants

## AWARDS

- Hardware Hack Winner at Yale's YHacks Hackathon *2016*
- Featured in the Toronto Star for **99.33% Graduating Average** *2016*
- Governor General's Academic Medal *2016*
- First Place in ECOO Team Programming Competition, Provincials *2016*
- Software Winner in UW Tech Retreat Hackathon *2015*