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EXPERIENCE

Wish • Mobile Software Engineer • San Francisco, CA

May 2017 to Aug. 2017

- Worked on Wish's global line of E-commerce Android and iOS applications and website
- Full-stack development of feature that incentivises users to review new products [Java/Python/Mongo] Impact. 938% increase in sales of new products; 96% user engagement in feature
- Launched a new promotion that boosts app usage with a random daily giveaway of products [Python/SQL] Impact. 2% increase in revenue; 5% increase in daily active users
- Implemented two new payment methods to accommodate low liquidity users [Java]
- Contributed to major redesign of the product reviewal process for Android and iOS [Java/Swift/JS]

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++]

SKILLS

Proficient

Java • Python • C# C • C++ • Lua

Familiar

JavaScript ● Swift ● Scala Arduino ● CSS ● HTML

Technologies

Git ● Subversion ● Android Mongo ● SQL ● Firebase Unity ● OpenCV ● Node.js

EDUCATION

University Of Waterloo

Software EngineeringCandidate for BSE in 2021

96.7% 1A ● 95.6% 1B Dean's Honours List

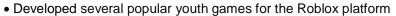
SCHOLARSHIPS

 Scotiabank and UW Software Engineering Scholarship, \$15,000

• UW President's Scholarship, \$5,000

PROJECTS

Online Roblox Games [Lua]



- Accumulated over 37 million plays and earned over \$52,000 in profit
- 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 arcarde 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

| Overall Winner at Hack the North | 2017 |
|--|------|
| First Place at Greylock Hackfest, \$10,000 | 2017 |
| 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 |