AustinCho-Wong

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Education

University of Waterloo

Bachelor of Computer Science. Honours

Business Option

Graduating May 2020

2B Academic Term Completed

Skills

C++ / Python / Java / Scheme / HTML / CSS

Project Management

Business Optimization

App & Game Development

Growth Hacking

Video Production

UI/UX Design

Coursework

Data Structures

Algorithms

Object-Oriented Development

Sequential Programs

Logic and Computation

Experience

Enterprise Software Developer Canadian Blood Services (Summer 2016)

- Developed Java app to automatically alert when clinics require inspection, saving $60,000/year
- Wrote Python programs to reduce manual administrative work for volunteers by 80%
- Created pipeline feature to instantly notify developers when apps on production servers fail
- Designed and implemented UI/UX of apps to improve usability

Product Manager Elements of Knowledge (Summer 2015)

- Proposed and designed app to allow tutors to teach remotely, increasing revenue by 150%
- Managed team of developers according to agile methodologies to convert business needs into app features
- Conducted feasability analyses and produced strategic plans to finish product development ahead of schedule
- Created wireframes, presentations, and UI/UX to demonstrate prototypes
- Developed feature to allow students to submit homework and receive annotated feedback from tutors in Ruby on Rails

Founder Google Developer Group Waterloo - UW (2015 - 2016)

- Organized the largest developer group in Waterloo with over 1100 members
- Managed correspondence with Google to acquire sponsorships
- Created android development curriculum for beginners
- Planned and ran workshops on android and web development

Web Developer Toronto Multicultural Youth Council (2013 - 2014)

- Improved maintainability of website back-end for non-technical members
- Created graphic and video advertisements, enhancing incoming traffic by 500%
- A/B tested email campaigns to improve click rate and response rate by 60%

Projects

Jymbit Nspire Hacks 2016 (Most Promising Startup App)

- Data science platform for gyms to identify and trade underutilized equipment
- Built with Python, numpy, sci-kit learn, plotly, and Raspberry Pi

Cut the Cake! UW Stratford Game Design Competition 2016 (2nd Place)

- 3 storey tall "Coordination Math" game, on display at UW Stratford Campus
- Powered by Python, JavaScript, and GCD algorithms

Future Quest ENGL119 (Most Beneficial Student Initiative)

- Chrome plugin to improve UI/UX of University of Waterloo Quest site
- Constructed with JavaScript, HTML, CSS