

AUSTIN CHO-WONG

COMPUTER SCIENCE | BUSINESS OPTION

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EXPERIENCE

Enterprise Software Developer

Canadian Blood Services | Spring 2016

- Developed Java Grails app to automatically alert when blood clinics require inspection, saving \$60,000/year
- Improved accuracy of blood donation rate predictions using Python, R, and MySQL by 30%
- Wrote Python scripts to automate and reduce 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 | Spring 2015

- Proposed and designed online classroom 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 feasibility analyses and produced strategic plans to finish product development ahead of schedule
- Created wireframes, presentations, and UI/UX to demonstrate prototypes in development
- Developed feature to allow students to submit homework and receive annotated feedback from tutors in Ruby on Rails

Founder

Google Developer Group - University of Waterloo | 2015, 2016

- Managed the largest developer group in Kitchener-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 | 2014, 2015

- Modernized website backend to improve maintainability for non-technical members
- Created graphic and video advertisements, enhancing site traffic by 500%
- A/B tested email campaigns to improve click rate by 60%

SKILLS

- Project management
- Product development
- Business optimization
- Data analysis
- Team organization
- Languages: C++, Java, Python, Scheme, bash, R, MySQL

PROJECTS

NHacks: Jymbit

(Most Promising Startup Award)

- Data science platform to identify underutilized fitness equipment
- Built with python, numpy, sci-kit learn, plotly, and Raspberry Pi

Stratford Hacks: Cut the Cake!

(2nd Place out of 100)

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

Future Quest

(Most Beneficial Student Initiative)

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

ACTIVITIES

Undergraduate Rep.

School of Computer Science Council

Video Content Creator

University of Waterloo Marketing Dept.

Lead Game Developer

UW Game Development Club

EDUCATION

Bachelor of Computer Science with
Business Option, Honours (BCS)
University of Waterloo, Class of 2020