

AUSTIN CHO-WONG

COMPUTER SCIENCE | BUSINESS OPTION

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EXPERIENCE

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 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

Enterprise Software Developer

Canadian Blood Services | Spring 2016

Developed Java Grails app to automatically alert when 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 production servers fail

Redesigned UI/UX of apps to improve usability based on user and business feedback

Founder

Google Developer Group - University of Waterloo | 2015, 2016

Managed the largest developer group in Kitchener-Waterloo, with over 1100 members

Planned and ran workshops on android and web development

Web Developer

Toronto Multicultural Youth Council | 2014, 2015

Modernized website backend using Flask to improve maintainability for non-technical members

Created graphic and video advertisements, enhancing site traffic by 500%

A/B tested customized email campaigns to improve click rate

SKILLS

Project management

Product development

Business analysis and optimization

Team organization

Proficient in C++, C, Java, Python, Scheme, bash, R, MySQL

PROJECTS

NHacks: Jymbit

(Most Promising Startup Award)

Data science platform for analyzing fitness equipment usage to identify underutilized equipment

Powered by python, flask, numpy, sci-kit learn, plotly, and Raspberry Pi

Stratford Hacks: Cut the Cake!

(2nd Place out of 100)

3-Storey tall "Coordination Math" game, on display at UW Stratford

Powered by Python, JavaScript, and GCD algorithms

Memento;Mirai

(work in progress)

Mystery solving adventure game powered by Unity, C#

ACTIVITIES

Undergraduate Rep.

School of Computer Science Council

YouTuber

University of Waterloo Marketing Dept.

Game Writer

UW Game Development Club

EDUCATION

Bachelor of Computer Science with Business Option (BCS)

University of Waterloo, Class of 2020