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 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

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 feasability 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

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 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