

Tony Zhu

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Education

University of Western Ontario, London, ON

2013 - 2017

Bachelor of Science, Biochemistry and Computer Science – Cumulative GPA 3.1/4.0

Skills

Languages: Java, C, Unix/Shell, Python, Ruby, JS/HTML/CSS, Web APIs, Mandarin

Tools: Android Studios, Github, Slack, Terminal, Grails

Experience

House Mate - Web Application

“House Mate” allows house members to better coordinate with each other in terms of events, tasks, finances and more. Users will sign in using their Google accounts. Developed using grails with google authentication and restful API following MVC design with up. Development methodologies and practices allow for future extensions and easy maintainability.

GymTrainer - Android Application

The gym trainer project was designed to enable an individual to create their own exercise profile and store completed exercise routines. Developed on android studio using Java implementing basics of SQLite. Application allows frequent gym addicts easy access to past exercise data for comparison and future planning.

CTF Competition

Participation in Jeopardy-styled CTF competitions hosted by Western Cyber Security. Objective is to located a hidden flag in a given file with a team using various techniques such as reverse-engineering, network sniffing, protocol analysis, system administration, programming, and cryptanalysis. Placed 9th in Canada among all university and company participants.

Leadership

Western Cyber Security

Written and presented entry level workshops for Western Cyber Security on the basics of HTML and CSS to new members and discussed how these tools relate to cyber security. Participated and contributed in developing workshops on the basics of Assembly structure, HTTP response, and other CTF techniques.

Western Tennis Club

Planned and coached lessons for beginner tennis members of WTC. Lessons duration lasted 2 hours for up to 12 members.