

PATIENCE SHYU

patienceshyu@gmail.com | (778) 829 4722 | github.com/patiences



PROJECTS

LANGUAGES

Java
C/C++
Scheme/Racket
HTML5/ CSS
JavaScript*

TOOLS

Eclipse
Android Studio
Vim
Atom
Dr Racket

PLATFORMS

Mac OS
Windows
Linux*

* currently learning

INVOLVEMENT

- HackHarvard '15
- LISA '15 Attendee
- DubHacks '15
- GIRLsmarts4tech Volunteer '16
- Vancouver Startup Week '15

FUN

- Travelling!
Countries visited: 20
- Hiking
- A cappella singing

DINOSAUR DETECTOR (*DubHacks finalist, OCT 2015*)

- Worked in a team of 3 on a web app to simulate an online scavenger hunt
- Built with Firebase and Clarifai's visual recognition API
- Skills: JavaScript, HTML/CSS, RESTful API (Twitter), Atom, git

TAMATIMER (*VSW Hackathon, SEP 2015*)

- Implemented in a duo a productivity app for Android that tracks slacking by the number of times you unlock your phone
- Skills: Android development, Java, Android Studio, Genymotion, git

MEETUP (*Academic, APR 2015*)

- Designed app that suggests locations for students to meet up on campus around their availability
- Skills: Java, Eclipse, Android Studio, parsing XML/JSON, JUnit testing, design patterns, querying APIs (MapQuest/Foursquare)

CRYPTARITHMETIC PUZZLE SOLVER (*DEC 2014*)

- Integrated a brute force backtracking search algorithm with generative and accumulative recursion to solve word addition problems
- Skills: Racket, Dr Racket

EXPERIENCE

COMPUTER SCIENCE TEACHING ASSISTANT

University of British Columbia, SEP 2015-Present

- Answer students' questions about course material both in-person and on the course's online forum
- Mark assignments/exams and give constructive feedback
- Run weekly labs of 30 students

EDUCATION

BACHELOR OF SCIENCE — 2ND YEAR

University of British Columbia, 2014-2019

- CPSC & MATH GPA: 92.4% (Dean's Honour List)
- UBC Entrance Award Recipient (\$20,000)