

1919 Federal Ave E
Seattle WA 98102
mikespearman.e@gmail.com

MICHAEL E. SPEARMAN

CA: (778)-628-2343
US: (206)-288-3023
www.blasian.github.io

EDUCATION

Vancouver, BC **University of British Columbia** **Fall 2012 – May 2016**

- B.A. in Computer Science; In-major GPA: 3.5

Undergraduate Coursework

- Computer Systems, Human-Computer Interaction, Algorithms and Data Structures, Software Construction, Introduction to Strategic Interaction, Induction and Decision Theory

TECHNICAL EXPERIENCE

Personal Projects – View more at github.com/blasian

- **Flash Card** (2014) – An iOS application allowing users to easily create sets of flash cards that can then be used as study aids.
- **UBC Course Scraper** (2014) – Python script that uses BeautifulSoup library to scrape all UBC computer science course information (instructor, time, class type, etc.) and outputs data into a .txt file.
- **SoundMap** (2014) – JavaScript program that uses SoundCloud API to visualize locations of recent uploads onto a Google Map.
- **Tic-Tac-Toe** (2014) – A simple, two-player command line game written in C++.

Course Projects

- **Next Bus** (2014) – With a partner, finished a half developed Android application that uses the TransLink API to retrieve real time bus location information. The application allows users to retrieve bus arrival times, view bus locations on a map and add bus stops to a list of favorites.
- **Computer Hardware** (2014) – Interactions between CPU, I/O devices and memory. Basics of virtual memory management. Benefits of polling, interrupts and direct memory access.
- **Parallelism and Concurrency** (2014) – Repercussions vs. benefits of implementing programs with multiple threads. Implementing spin locks, blocking locks and semaphores to avoid deadlock in multi-thread programs that require mutually exclusive access to data using C.

FAMILIAR LANGUAGES AND TECHNOLOGIES

- Objective-C, C++, C, Java, JavaScript, CSS
- Git, Eclipse, Xcode, Unix, OS X Command Line, Axure

WORK EXPERIENCE

Portage Bay Café **Seattle, Washington** **Summer 2014, Winter 2015**

- Busser/Food Expediter
 - Handling several customer requests simultaneously
 - Efficiently working in fast paced environment
 - Working as a member of a team
 - Paying attention to detail
- Susan Ritchie (Manager)
 - (206)-673-6497
 - susan@portagebaycafe.com