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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

- Python, Java, C++, C, Ruby on Rails
- Git, Eclipse, Xcode, Unix, OS X Command Line

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