Louis Zhuo

5675 Mckee Street
Burnaby, BC, V5J 2V2
(604) 779-3161
Ljbzhuo@gmail.com
github.com/ljzee

EDUCATION

Simon Fraser University — *BSc. Computer Science*
September 2013 - April 2019
- Cumulative GPA: 3.3
- Dean's Honour Roll

PROJECTS

Deny & Conquer — *Fault Tolerant Multiplayer Scribble Game (Java)*
A highly interactive scribble game implemented in Java in which the goal of the player is to color more cells than the opponent. Multithreading is used on the server side to handle input from multiple clients concurrently. Dynamic host resolution ensures game can continue even when original host crashes.

Jobs n' Stuff — *Job Search and Post Web Application (JavaScript)*
A single page application for employers to publish job openings and seekers to apply with their uploaded documents. Front-end consists of React and React-Apollo, styled with React-Bootstrap. Back-end powered by GraphQL - Yoga communicating with Prisma on top of a PostgreSQL database. All easily deployable with a virtual machine provisioned by Vagrant and configured by Chef.

WORK AND LEADERSHIP

London Drugs — *Stock Person & Cashier*
June 2014 - October 2017
- Used company technologies resourcefully to solve customer concerns

London Drugs — *Team Leader*
October 2017 - December 2018
- Devised and prioritized work plan for team members taking into account present challenges and individual ability
- Mentored a team of 6 members on efficient workflow which resulted in 15% faster task completion time
- Maintained consistent communication with management on operations

LANGUAGES & TOOLS (PROFICIENT)

Java 8/9, C++11/C++14, JavaScript ES6, HTML, CSS, SQL

Git, Eclipse, JDBC, CLion, CMake, Google Test, Google Mock, VirtualBox

LANGUAGES & TOOLS (FAMILIAR)

React, React-Apollo, Bootstrap, Node, Express, GraphQL, GraphQL- Yoga, Prisma, Docker, PostgreSQL, Postman, Wireshark

RELEVANT COURSES

Software Development Methods, Web-based Information Systems, Database Systems I, Database Systems II, Data Communication & Networking, Operating Systems I, Distributed Systems, User Interface Design