

DAVID LUI

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Education

State University of New York Stony Brook:

Bachelor of Science in Computer Science, May 2015

Cumulative GPA: 3.2

Relevant Coursework: Software Engineering, Database Systems, Operating Systems, Computer Networks, Technical Communications, Analysis of Algorithms, Artificial Intelligence, Computer Organization/Architecture

Work Experience

J. McLaughlin

July '14 – Aug '14

- Interned in the IT Department, worked on a project of cloning with Git and testing merchandise system.
- Provided technical support to customers via phone calls and e-mails during peak hours.
- Performed office tasks such as replacing printer cartridges and back-up battery systems, creating spreadsheets for product inventory, configuring routers, and installing new iMacs on network server.

Silk Road Café

July '13 – Sept '13

- Filed company-related documents of sales and provided computer/network troubleshooting.
- Communicated with BinexLine, a freight forwarding company, to facilitate delivery of imported goods.

Teaching

Computer Science (Class CSE114) Teaching Assistant / Lab Instructor

Sept '13 – Dec '13

- Assisted 2 dozen college students with Java related programming assignments and projects.

Extracurricular

SBU Running Club

Fall '13 - Summer '14

New York University Hackathon at Tisch

November '13

- Worked in a team of four to create a weather application that provided descriptive weather information.

Motivating Action through Community Health Outreach

July '13 – Aug '13

- Head exercise instructor for two dozen children; demonstrated yoga poses and pushups.

Projects

218 Restaurant (2015) – Ruby on Rails.

- Restaurant website that stores menu items in multiple databases and efficiently displays the menu.

Samdango (2015) – Java and Spring.

- Fandango based website that supports account creation and ticket purchases.

Movie-Theater Data Miner (2015) – Java.

- Data miner utilizing multiple APIs for geolocation and HTTP sockets to generate a list of movie theaters and playing movies along with movie information within a configurable zip code radius.

Fast Pass (2015) – Java and Spring.

- Google+ and Facebook based website that allows users to create and join “Circles” and post text.

Interactive Manipulation of Rigid Body Simulations (2015) – C++.

- Simulation of physical interactions between objects running on an original physics engine.

Technical Skills

Programming Languages

- Java, SQL, C/C++, HTML, JavaScript, CSS, Assembly, Ruby

Software and Frameworks

- Integrated Development Environments: Eclipse, NetBeans, Visual Studio 2012, MIPS
- Web Development Framework: Spring, Ruby on Rails
- Animation: Blender, Unity 3D, OpenGL/GLUT
- Miscellaneous: Microsoft Office, Git SVN/GitHub, Sublime Text,
- Operating Systems: Windows, Linux, Macintosh, Oracle VM