

STEVEN BROOKS

brooks.stevenjr@gmail.com | (702) 861-5835
stevenbrooks.dev | linkedin.com/in/stevenbrookslv

EDUCATION

B.S. Computer Science

2013-May 2018

Minor in Mathematics

University of Nevada, Las Vegas

GPA: 3.88 (Magna Cum Laude)

WORK EXPERIENCE

Software Engineer / SDE 2

Zappos / Amazon

February 2019 - Current

- Backend engineering using Java, Spring Boot, and AWS
- Frontend development using Angular
- Process optimization and architectural improvements to existing systems

Software Engineer

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September 2018 - February 2019

- Backend engineering using C# and MSSQL
- Frontend development using Angular
- Process optimization and architectural improvements to existing systems

Jr. Software Engineer

Influential

April 2018 - September 2018

- Backend engineering using Node.js and MySQL
- Focus on microservice architecture and system design
- Debugging legacy code and systems

Software Development Intern

UNLV Network Engineering Department

August 2016 - April 2018

- Develop full stack applications using Angular.js, JavaScript, Bootstrap, HTML, Flask, Python, Node.js, MySQL
- Maintain and improve department's current back end systems and MySQL databases
- Assist with network maintenance and other duties mentioned in previous position

PROJECTS/ACCOMPLISHMENTS

Amazon Pay in Zappos Checkout

- Served as the Lead Backend Developer, determining how we could incorporate the new payment system
- Worked with Amazon Pay team to figure out a path to implement Amazon Pay in a non standard way

Zappos Guest Checkout

- Did all of the system design, figuring out how to retrofit guest checkout within the Amazon checkout ecosystem
- Worked with many Amazon teams and led a team of developers in order to see project through to the end
- Project currently responsible for 7-10 percent of all Zappos orders

First Place in Computer Science Senior Design Competition

- Served as the Lead Backend Developer, using Python with Flask framework
- Handled DevOps, utilizing Debian (Linux), Apache Server, Nginx Proxy
- Helped develop database schema using MySQL

Wi-Fi PSK Application

- Currently live production system (UNLV Campus only)
- Increased the number of users able to connect devices to network by hundreds
- Developed front end using Angular.js - JavaScript, Bootstrap, HTML; and back end in Flask - Python

SKILLS

Programming/Frameworks: C#, Python, JavaScript, Java, HTML, CSS, Flask, Bootstrap, Angular(.js), Node.js
DevOps: AWS, Linux / Bash, MySQL/DynamoDB, git, Networking, Jira, Computer Hardware/ Peripherals