**STEVEN BROOKS**

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**EDUCATION**

**B.S. Computer Science** August 2013-May 2018

Minor in Mathematics

University of Nevada, Las Vegas

GPA: 3.88 (Magna Cum Laude)

**WORK EXPERIENCE**

**Software Engineer**

Zappos February 2019 - Current

* Backend engineering using Java, Spring Boot, and AWS
* Usage of a myriad of AWS services (Lambda, DynamoDB, CloudFormation, AppConfig, etc)
* Mostly microservice based architecture, handling large data flows with many touch points in a scalable manner

**Software Engineer**

Everi September 2018 - February 2019

* Full stack development using C# and MSSQL, 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

**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

**SELECT PROJECTS/ACCOMPLISHMENTS**

**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
* Designed 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

**MacTrack**

* Currently live production system (UNLV Campus only)
* Modified existing backend system to be more modular and sustainable
* Wrote entirely new user-friendly front end, with backend additions in Node.js

**wifi.unlv.edu**

* Designed and implemented a captive portal landing page for UNLV’s Wi-Fi website
* Handled all DevOps and network considerations

**SKILLS**

Programming/Frameworks: Java, Spring Boot, C#, Python, JavaScript, Flask, Bootstrap, Angular(.js), Node.js

DevOps: AWS, Linux and Bash, MySQL/DynamoDB, GIT, Networking, Apache, Nginx