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