

# **STEVEN BROOKS**

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## **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 Development Engineer 2**

Amazon

November 2022 - Current

- Spearheaded system design and led multiple tech teams in order to develop Guest Checkout, now driving 7-10% of company sales
- Implemented Amazon Pay into Zappos checkout system, driving roughly 6% of company sales.
- Managed migration of microservice proxy layer to AWS resulting in a 30% across the board latency reduction in all proxied requests
- Updated backend systems to use Amazon's secure recognition and allow for roughly 80% of all backend requests to be made safely without forcing customers to log in
- Served as the formal mentor for multiple junior engineers through monthly 1:1s, leading to 1 mentee promotion and positive performance reviews

### **Software Engineer**

Zappos

February 2019 - November 2022

- Expansion of microservice proxy layer functionality leading to removal of thousands of lines of redundant code/configuration
- Built critical security components leading to the blocking of millions of requests from bad actors daily
- Added several core AWS features to cart system including utilization of AWS CodeDeploy for blue/green deploys and AWS ECS/Fargate for firelens AWS Cloudwatch logging

### **Software Engineer**

Everi

September 2018 - February 2019

- Normalization of MSSQL databases enabling safer data operations and new feature additions
- Modernization of Angular frontend, reducing load times by multiple seconds
- Optimized backend saving several seconds on high-latency requests, addressing a major pain point

### **Jr. Software Engineer**

Influenial

April 2018 - September 2018

- Debugging of legacy systems solving customer reported bugs and general application improvements
- Creation of microservice to handle reactive automatic email communication that was previously manual

### **Software Development Intern**

UNLV Network Engineering Department

August 2016 - April 2018

- Development of internal and campus wide applications saving hundreds of hours of network engineer time
- Creation of [wifi.unlv.edu](http://wifi.unlv.edu) to help assist getting students and faculty connected to eduroam network

## **SKILLS**

Programming/Frameworks: Java, Python, C#, JavaScript, Spring Boot, HTML, Flask, Node.js

DevOps: AWS, Linux / Bash, MySQL/DynamoDB, git, Networking, Jira, Computer Hardware/ Peripherals