

# **STEVEN BROOKS**

stevenbrookslv@gmail.com | (702) 675-5173  
stevenbrookslv.com | linkedin.com/in/stevenbrookslv

## **EDUCATION**

### **B.S. Computer Science**

University of Nevada, Las Vegas  
GPA: 3.9

2013-May 2018

## **WORK EXPERIENCE**

### **Software Development Intern**

UNLV Network Engineering Department

August 2016-Current

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

### **Student Network Technician**

UNLV Network Engineering Department

October 2015-August 2016

- Installed network hardware such as switches, access points, UPS, etc
- Assisted with network maintenance, upkeep, inventory control, tracking, and replacement
- Programmed scripts to improve efficiency of network maintenance

### **Undergraduate Research Assistant**

Schiller Laboratory, School of Life Sciences, UNLV

August 2013-October 2015

- HIV ToolBox2 project
  - Annotations on drug resistant mutations for HIV

## **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
- Helped develop database schema using MySQL

### **Wi-Fi PSK Application**

- Built as a live production system (UNLV Campus only)
- Increased the number of users able to connect devices to network by hundreds
- Applied high level networking and DevOps concepts
- Developed front end and back end utilizing Angular.js, JavaScript, Bootstrap, HTML, Flask, Python, Node.js

### **MacTrack**

- Built as a live production system (UNLV Campus only)
- Modified existing backend system to be more modular and sustainable
- Wrote entire new front end, increasing usability

### **wifi.unlv.edu**

- Designed and implemented a captive portal landing page for UNLV's Wi-Fi website
- Handled all DevOps and load balancing
- Developed front end using Angular.js, Bootstrap, HTML, and CSS

## **SKILLS**

Programming/Frameworks: C++, C, Python, JavaScript, Java, HTML, CSS, Flask, Bootstrap, Angular.js, Node.js  
DevOps: Linux and Bash, MySQL, GIT, Networking, Apache, Nginx, Computer Hardware/ Peripherals