

Teran Peterson

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EDUCATION

Brigham Young University

Bachelor of Science in Computer Science

Provo, UT

Graduation: Apr 2021

- *GPA:* 3.71
- *Relevant Coursework:* Advanced Programming Concepts, Algorithm Design and Analysis, Computational Theory, Systems Programming, Computing Competitions, Computer Security, Programming Languages
- *Clubs:* IT Security, YHack, Computing Competitions

SKILLS

- *Proficient:* Python, Java, Ubuntu, Bash, Docker, Burp Suite, Kali Linux
- *Intermediate:* C++, AWS, PHP, MySQL, Apache, Humio, Git, VMWare, Metasploit, Nmap
- *Novice:* JavaScript, Node.js, React Native, Firebase, Android, Responder

EXPERIENCE

BYU Office of IT

Security Engineer

Provo, UT

June 2019 – Present

- Engineered microservices to aggregate thousands of security events a minute from 4 large universities
- Created a set of automated scripts to increase analysts' response time to recurring security threats
- Designed a continuous integration pipeline to maintain the quality and consistency of code deployments

BYU McKay School of Education

Senior Web Developer

Provo, UT

Mar 2018 – June 2019

- Developed a web application to automate and standardize the advisement of over 70,000 students
- Restructured the back-end system used to distribute millions of dollars of scholarship money
- Enhanced the security of 6 websites by implementing end-to-end encryption

Church of Jesus Christ of Latter-day Saints

Volunteer Representative

Indianapolis, IN

Oct 2015 – Oct 2017

- Improved communication and interpersonal skills by interacting with over 50 people weekly
- Supervised and provided effective training for up to 40 representatives each week
- Worked in teams to provide service for people in the local communities

PROJECTS

Home Lab

Unraid Server

Personal Project

2020

- Built a home lab that acts as my personal VPN, file share, ad blocker, web server, and virtual machine host

Classroom Finder

Python Application

Personal Project

2020

- Wrote a script that parses data from the BYU class catalog and finds available classrooms that I can study in