CODY **UHI**

Provo, UT
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SKILLS

- Python (LinkedIn Certified), Bash, Java, TypeScript/JavaScript (LinkedIn Certified), Vue, Angular, React, NodeJS, C++ (LinkedIn Certified), Flutter, Jinja
- Azure, AWS (LinkedIn Certified), GCP, Linux, Nginx, Kubernetes, Docker, Jenkins, ArgoCD, Salt Stack, Windows AD, VMWare, Git, TensorFlow, Selenium, Mocha & Chai

EXPERIENCE

FEBRUARY 2021 – PRESENT
SITE RELIABILITY ENGINEER, VIVINT SMART HOME

- Develop tools and automate solutions to support on-premises and cloud services
- Support the Engineering team's efforts by configuring real-time alerting, logging & monitoring
- Guide products & teams to meet Service-Level Objectives
- Utilize system & state management tools such as Salt to administer over 700 virtual machines
- Create CI/CD solutions using Jenkins & Argo
- Be part of an on-call rotation to assist finding a resolution during incidents

AUGUST 2020 – FEBRUARY 2021
SOFTWARE QA ENGINEER, VIVINT SMART HOME

- Create detailed, comprehensive, and well-structured test plans and test cases (both manual and automated)
- Estimate, prioritize, plan and coordinate testing activities
- Execute regression test runs
- Play an integral role in the agile software development life cycle

APRIL 2020 – AUGUST 2020
FULL STACK SOFTWARE ENGINEER - INTERN, INSTRUCTURE

- Construct production-ready, full stack code using a Ruby/Rails backend and React frontend
- Work jointly with an R&D team using Shape Up software development methodologies
- Contribute to the development cycle from the design phase to QA/testing and deployment

APRIL 2015 – AUGUST 2020
SR. LEAD - TECHNOLOGY, VIVINT SMART HOME

- Collaborate across development teams to streamline ticket management
- Analyze data produced by in-house technicians to drive efficiency and inform best practice
- Design web scraping/survey tools using Python, JavaScript, jQuery, HTML, and CSS
- Develop Python and Bash scripts to perform data analysis

SEPTEMBER 2017 – PRESENT
25U – SIGNAL SUPPORT SYSTEM SPECIALIST, US ARMY RESERVES

NOVEMBER 2019 – APRIL 2020
CRISIS INFORMATICS RESEARCH ASSISTANT, BRIGHAM YOUNG UNIVERSITY

- Build cloud infrastructure with AWS to support BYU's Crisis Informatics research platform
- Scrape and analyze large social media datasets using Network Analysis, Topic Modeling, Sentiment Analysis, Geocoding, Time and Keywords, etc.
- Implement ML models to deploy research API at scale (Python, Jupyter, TensorFlow)

JUNE 2019 – AUGUST 2019

CYBER OPERATIONS OFFICER - INTERN, FEDERAL GOVERNMENT

- Support the design and testing of office internet networks. Create documentation related to project implementations. Coordinate and engage with inter-office components
- Perform cyber analysis, technical research and investigations for digital signatures, web technologies, and social media

EDUCATION

GRADUATION: APRIL 2021, GPA: 3.42

(BS) INFORMATION TECHNOLOGY, BRIGHAM YOUNG UNIVERSITY (UT)

COMPUTER SCIENCE MINOR

- BYU IT Security & BYU Dev Club Member
- HackTheU Participant 2019 & HackUSU Data Analysis Winner 2019
- IT Student Association Vice President, Fall 2020 – Winter 2021
- Senior Capstone Project Sponsored by Microsoft (Brigade/Kashti)
- Flutter Developer for The Eureka Trails fitness application
- AWS Architect for the BYU Crisis Informatics Lab