Cody Uhi

Provo, UT

**https://codyuhi.github.io · codylkuhi@gmail.com · linkedin.com/in/codyuhi**

**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](https://github.com/brigadecore/brigade/tree/master/2.0-PROPOSAL))
* Flutter Developer for [The Eureka Trails](https://theeurekatrail.com/) fitness application
* AWS Architect for the [BYU Crisis Informatics Lab](https://cil.byu.edu/)