Cody Uhi

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**SKILLS**

* C++ (4 yrs.); JavaScript, HTML, CSS, C, x86 ISA (3 yrs.); Python, jQuery, PHP C# (2 yrs.); Java, Kotlin (1 yr.), Tagalog (6 yrs.)
* Windows and Linux (Ubuntu, Fedora, Kali); .NET; TensorFlow; Apache, MySQL; NodeJS; Bootstrap; VMWare; VirtualBox; Git; AWS; Google Cloud

**Experience**

**APRIL 2015 – PRESENT**

**NETWORK SUPPORT SPECIALIST – LEAD,** VIVINT SMART HOME

* Lead network troubleshooting for smart home IoT systems
* Train technicians regarding wireless networking principles
* Design web scraping/survey tools using Python, JavaScript, jQuery, HTML, and CSS
* Develop Python and Bash scripts to perform data analysis

**NOVEMBER 2019 – PRESENT**

**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 Machine Learning models to deploy research API at scale (Python, Jupyter, TensorFlow)

**SEPTEMBER 2017 – PRESENT**

**25U: SIGNAL SUPPORT SYSTEM SPECIALIST,** US ARMY RESERVES

* Install/maintain radio and data distribution systems
* Communicate effectively in high-stress situations as the company radio operator
* Design/implement communication solutions such as LAN and RF signal networks

**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**

**(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

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| IT 210: Web Design | CS 236: Discrete Math | IT 344: Operating Systems | CS 240: Adv. Programming |
| CS 224: Computer Systems | IT 255: HCI | IT 347: Networking | IT 350: Databases |
| CS 235: Data Structures | IT 327: Digital Comms. | IT 366: Cybersecurity | ENG 316: Tech. Writing |