# 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 |