

CODY UHI

Provo, UT

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SKILLS

- Python (LinkedIn Certified), SQL, ReactJS, Ruby, C++ (LinkedIn Certified), Java
- AWS (LinkedIn Certified), NodeJS, TensorFlow, Linux, Apache, Git, Google Cloud, Tableau, Salesforce, Jira, Asana

EXPERIENCE

APRIL 2020 – PRESENT

FULL STACK SOFTWARE ENGINEER - INTERN, INSTRUCTURE

- Automate SQL queries based on customer interactions with the Bridge Learning Management System (See <https://vivint.suite.bridgeapp.com/> to view the product)
- Build customized, full-stack software for customer needs (ReactJS frontend, Ruby/Rails backend)

APRIL 2015 – PRESENT

SR. LEAD – FIELD OPS TECHNOLOGY, VIVINT SMART HOME

- Build data analysis tools to track the occurrence trends of Tech Genie bugs and quantify outage impacts (Python3)
- Communicate analytical findings to technical and non-technical audiences (See the FTS Weekly Splunk Presentation)
- Design web scraping/survey tools using Python, JavaScript, jQuery, HTML, and CSS (See the FTS TamperMonkey Scripts)
- Write code and lead design for ProSource, which is accessed by Pros in the field and agents in the back office every day (<https://prosource.vivint.com/>)

NOVEMBER 2019 – PRESENT

CRISIS INFORMATICS RESEARCH ASSISTANT, BRIGHAM YOUNG UNIVERSITY

- Build serverless cloud infrastructure to support BYU's Crisis Informatics research platform (AWS Lambda, S3, Kinesis)
- Scrape and analyze large social media datasets via automated API calls (See <https://cil.byu.edu/> for research findings)
- Implement Machine Learning models to deploy research API at scale and produce meaningful insight (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

