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

IT Student Association Vice President, Fall 2020 – Winter 2021