CODY **UHI**

Provo, UT
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SKILLS

- Java, C++ (LinkedIn Certified), Python (LinkedIn Certified), SQL, ReactJS, Ruby
- JUnit, React Jests, AWS (LinkedIn Certified), NodeJS

EXPERIENCE

APRIL 2020 – AUGUST 2020

FULL STACK SOFTWARE ENGINEER - INTERN, INSTRUCTURE

- Contribute to Instructure's Canvas LMS and Bridge SaaS products (using a React frontend, Ruby/Rails backend)
- Test code using the Jest React testing framework, a custom-built Ruby testing framework, and another custom-built React testing framework

APRIL 2015 – PRESENT

SR. LEAD – FIELD OPS TECHNOLOGY, VIVINT SMART HOME

- Act as the Tech Genie subject matter expert for Field Tech Support and filter feedback from users in the field
- Communicate analytical findings to technical and non-technical audiences (See the FTS Weekly Splunk Presentation)
- Write code, test, 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)
- Automate the implementation of 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