

THOMAS STANSEL

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EDUCATION

Bachelor of Computer Science, Brigham Young University - GPA: 3.60

Expected April 2023

EXPERIENCE

Novarad | Software Engineering Intern
Python, ML

September 2021 - Current
Remote

Capital One | Software Engineering Intern
Python, AWS

June 2021 - August 2021
Remote

- Updated an application to be security compliant by fetching previously hard-coded credentials from an API.
- Automated the joining of several data tables by adding several new data points into an API with 10,000 requests per day.

Bluehost | Software Engineering Intern
Perl, Python, Django

January 2021 - May 2021
Remote

- Automated a 10 hour per month process of repetitive work by creating a series of APIs.
- Increased code coverage by 10% by writing unit tests for and refactoring legacy code.

Capital One | Software Engineering Intern
Python, AWS

June 2020 - August 2020
Remote

- Identified 12 insecure AWS resources by building a solution to automatically scan resources and post findings on an internal company site.
- Saved time for future teams/interns by identifying an undocumented intricate process for an internal CI/CD tool and writing documentation for it.

BYU OIT | Student Software Engineer
JavaScript, CSS, HTML, React-Native, Python, AWS

November 2019 - December 2020
Provo, UT

- Saved 4 hours per week for the Monitoring Team by creating screens for an internal app, that allowed schedule/on-call changes to be made by managers rather than the Monitoring Team.
- Led a team of 2 for creation of screens.

PROJECTS

Athena | React-Native - Tinder-like app allowing students to find and apply to internships/jobs with ease and allows employers to filter through applicants, built in a 30 hour hackathon.

AlexaCAPS | Python, AWS - Alexa Skill allowing students to find their universities' counseling and psychological services phone number, built in a 24 hour hackathon.

TherAssist | Python, ML - Machine learning Python application that detects and predicts emotion based on facial cues, built in a 24 hour hackathon.

Family Map | Java, Android - API created in Java that populates a map on an Android app with important family information from either generated data or user data.

VOLUNTEER WORK

President
BYU Developers Club

January 2020 - April 2021

- Led team of 4 for React web project, maintained club website, and built slack bot to post jobs in slack channel for club members.