

THOMAS STANSEL

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EDUCATION

Bachelor of Computer Science, Brigham Young University - GPA: 3.60 Expected April 2023

EXPERIENCE

Amazon | Software Engineering Intern (Expected) June 2022 - August 2022

Novarad | Software Engineering Intern September 2021 - Current
Python, ML *Remote*

Capital One | Software Engineering Intern June 2021 - August 2021
Python, AWS *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 January 2021 - May 2021
Perl, Python, Django *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 June 2020 - August 2020
Python, AWS *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 November 2019 - December 2020
JavaScript, CSS, HTML, React-Native, Python, AWS *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 January 2020 - April 2021
BYU Developers Club