

THOMAS STANSEL

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EDUCATION

Bachelor of Computer Science, Brigham Young University - GPA: 3.68

Expected April 2023

EXPERIENCE

Lyft | Software Engineering Intern

September 2022 - Current

Python

Remote

AWS | Software Development Intern

June 2022 - September 2022

Kotlin, Typescript, CDK

Seattle, WA

- Provided new analytics for customers by starting development on a new endpoint that identifies common reasons behind AWS Connect calls.
- Created 2 new cloud infrastructures to maintain the needed step functions, lambdas, and pipelines.

Taxbit | Software Engineering Intern

November 2021 - June 2022

Python, Typescript, AWS

Remote

- Saved 15 hours per incident by architecting and creating a tool to extract data from AWS step functions and making the data queryable using a no code solution.
- Increased reliability and maintainability by writing dozens of unit, integration, and property tests.

Capital One | Software Engineering Intern

June 2021 - August 2021

Python, AWS

Remote

- Saved 3 hours a week by automating the joining of several data tables into an API with 10,000 requests a day.
- Updated an application to be security compliant by fetching previously hard-coded credentials from an API.

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% through 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 auto-scan resources and to then alert the owners.
- Saved time for 4500 employees, within one year, by identifying and documenting an intricate process for an internal CI/CD tool.

BYU OIT Monitoring | Student Software Engineer

November 2019 - December 2020

JavaScript, CSS, HTML, React-Native, Python, AWS

Provo, UT

- Saved 4 hours a week by allowing managers to directly update on-call schedules instead of the Monitoring Team.
- Led a team of 2 for creation of screens.

PROJECTS

Gravity | Typescript, Python, AWS, ML, Slack - Slack integration (with 400 users and 60,000 events per day, at peak) that uses ML to syntactically and semantically compare questions looking for a match to direct users to.

TherAssist | Python, ML - ML python application that detects and predicts emotion based on facial cues.

VOLUNTEER WORK

President

January 2020 - April 2021

BYU Developers Club