THOMAS STANSEL

thomas.s.stansel@gmail.com ⋄ linkedin.com/in/thomas-stansel/ ⋄ github.com/TStansel ⋄ thomas-stansel.info/

EDUCATION

Bachelor of Computer Science, Brigham Young University - GPA: 3.69 — Expected April 2023

EXPERIENCE

Lyft | Software Engineering Intern — September 2022 - December 2022
Python, Go — *Remote*

- Increased test coverage by 30% through updating an internal testing library to include major pieces of the directions response object.
- Shortened the time it takes for new elements of the directions response object to be added to this internal testing library for future increased coverage.

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.

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