

# THOMAS STANSEL

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## EDUCATION

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**Bachelor of Computer Science**, Brigham Young University - GPA: 3.66

Expected April 2023

## EXPERIENCE

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**Lyft | Software Engineering Intern (Expected)**

September 2022 - December 2022

Go

*Remote*

**AWS | Software Development Intern**

June 2022 - Current

Kotlin, Typescript, ML

*Seattle, WA*

- Working to provide insights into the reason behind groups of calls by using ML to reveal and identify the common theme behind these calls from an on-demand AWS call center.

**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*

- Updated an application to be security compliant by fetching previously hard-coded credentials from an API.
- Saved 3 hours per week by automating the joining of several data tables, with 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% 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 an undocumented intricate process for an internal CI/CD tool and writing documentation for it.

**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

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**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

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**President**

January 2020 - April 2021

BYU Developers Club