

# 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: 3.60

Expected April 2023

## EXPERIENCE

---

**Taxbit | Software Engineering Intern**

Python, AWS

November 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