

# THOMAS STANSEL

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

## EDUCATION

**Bachelor of Computer Science**, Brigham Young University - GPA: 3.53

Expected April 2023

## EXPERIENCE

**Capital One | Software Engineering Intern (Expected)**  
iOS, ML

June 2021 - August 2021

*Remote*

**Bluehost | Software Engineering Intern**  
Perl, Python, Django

January 2021 - Current

*Remote*

- Created API endpoints in Perl and Python to implement data from 3rd party sources and to report on a variety of metrics for customer notifications.
- Updated legacy code and wrote documentation and unit tests for updates.

**Capital One | Software Engineering Intern**  
Python, AWS

June 2020 - August 2020

*Remote*

- Identified several 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 time for teams/managers by creating screens for an internal app, allowing 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 that allows 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 that allows 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 that was either generated or inputted by the user.

## VOLUNTEER WORK

**President**  
BYU Developers Club

January 2020 - April 2021

- Maintained club website and built a job bot to post jobs in slack channel for club automatically.
- Organized 4 club projects with 4 different project leads and teams.
- Grew weekly attendance by 200% as President.