

# 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: 3.57

Expected April 2023

## EXPERIENCE

**Novarad | Software Engineering Intern (Expected)**  
C#, ML, AR

September 2021 - Current  
*Remote*

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

June 2021 - August 2021  
*Remote*

- Updated application to fetch credentials from API instead of being hard-coded.
- Added new fields into an API to automate process for analysts and make internal tools more accessible.

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

January 2021 - May 2021  
*Remote*

- Created API endpoints in Perl and Python to implement product information 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 resulting in greater code coverage.

**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 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 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

- Worked on React project, maintained club website, built job bot to post jobs in slack channel for club.