

THOMAS STANSEL

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EDUCATION

Bachelor of Computer Science, Brigham Young University - GPA: 3.64

Expected April 2023

Course Work

- CS 312 - Algorithmic Design (**Python**)
- CS 240 - Advanced Programming (**Java, Android**)
- CS 236 - Discrete Mathematics (**C++**)
- CS 235 - Data Structures & Algorithms (**C++**)

EXPERIENCE

Software Engineering Intern (Expected)

June 2021 - August 2021

Capital One

Remote

Software Engineering Intern (Part-Time)

January 2021 - Current

Bluehost

Remote

Student Software Engineer (Part-Time)

November 2019 - December 2020

BYU OIT

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.

Software Engineering Intern

June 2020 - August 2020

Capital One

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 it.

PROJECTS

AlexaCAPS Created an Alexa Skill that allows students to find their universities Counseling and Psychological Services phone number.

TherAssist Led a team of 4 to create a facial detection and emotion recognition Machine Learning application using Python, creating the bulk of the backend myself.

Family Map Android app and server written in Java to generate and store generational data for a user, displaying the events using Google Maps API.

VOLUNTEER WORK

President

January 2020 - Current

BYU Developers Club

- Organized 4 club projects with 4 different project leads and teams.
- Worked in one of the club projects to migrate a site from Vanilla JS to React.

Missionary

June 2017 - June 2019

Church of Jesus Christ of Latter-Day Saints

Eagle Scout

Summer 2013

Boy Scouts of America