

Michael Skonnard

Software Engineer

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Graduating computer science student with several impactful internships seeking a final part-time internship for fall of 2022 with a possibility to transition full-time in January 2023.

Relevant Experience

2022-05 – 2022-08

Software Engineer Intern

Qualtrics, Provo, UT

- Designed and implemented a homepage for the Qualtrics developer portal using Spotify's Backstage API. Key features included a search bar, a favorites card, a notifications card, and a toolbox
- Developed a full-stack feature that improves knowledge sharing by allowing 100s of developers to communicate important metadata about their individual services using the internal developer portal
- Utilized industry standard deployment tools such as Docker, Jenkins, Qamel, and Graphana in a holistic development approach to build, test, deploy, and monitor scalable and maintainable software
- Worked with several languages/frameworks including React, Typescript, NodeJS, and DynamoDB

2021-08 – 2022-04

Software Engineer Intern

Aptive Environmental, Provo, UT

- Assigned to project of a full-stack web-app (React/Python/Flask) that will give 1000s of sales-reps/service pros across the country access to data reports
- Implemented SSO through One Login provider using the Auth Code Flow pattern, leading to secure and easy employee sign-in
- Wrote endpoints in a Python/Flask backend that retrieves specific data from Snowflake

2021-08 – 2022-03

Software Engineer

Sandbox: BYU Tech Accelerator, Provo, Utah

- Among 50 selected from hundreds of applicants to design & launch a successful tech product
- Interviewed dozens of renowned engineering leaders to validate problems within engineering
- Built landing page for team's product using React.js
- Built functional data/document storage app using Flutter frontend and server-less backend in Firebase

2020-04 – 2020-11

Software Engineer Intern

Motif Research Inc. (Artifact), Lehi, UT

- Translated library from React pure-components to functional-components
- Contributed to development of web-app prototype through front-end development
- Involved in building of service that imported Big Query data to Elastic Search
- Developed connectors to retrieve customer data from Intercom, Gong, Wootric, and more

2019-03 – 2020-01

QA / Software Developer Intern

Chatbooks Inc., Provo, Utah

- Given project with another intern to develop a new iOS/Swift application from scratch
- Collaborated with developers to identify and alleviate 100s of bugs and errors in software
- Led quality assurance of two different teams working on production of apps

Computer Science

Brigham Young University - Provo, UT

Projected to graduate by end of 2022

GPA: 3.63

Relevant Coursework: Data Structures, Discrete Structures, Algorithms, Advanced Algorithms, Systems Programming, Adv. Programming Concepts, Software Design, Web Programming, Machine Learning

Volunteer Representative, The Church of Jesus Christ of Latter-Day Saints – 2016-2018

- Served as a Spanish speaking volunteer representative for 2 years and developed high interpersonal / leadership skills
- Held multiple leadership positions (Zone Leader, District Leader, Trainer) and gave training to large groups