

# Quinn Melssen

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Computer Science Graduate  
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## QUALIFICATIONS

Strong foundational skills across a large cast of programming languages, as seen below. Worked / Contributed to multiple large-scale projects, serving as project manager for several.

- |                                                 |                                                       |                                                 |
|-------------------------------------------------|-------------------------------------------------------|-------------------------------------------------|
| <input checked="" type="checkbox"/> Python      | <input checked="" type="checkbox"/> C                 | <input checked="" type="checkbox"/> AWS         |
| <input checked="" type="checkbox"/> HTML/CSS/JS | <input checked="" type="checkbox"/> Git/GitHub        | <input checked="" type="checkbox"/> MySQL/pgSQL |
| <input checked="" type="checkbox"/> NodeJS      | <input checked="" type="checkbox"/> Agile Programming | <input checked="" type="checkbox"/> React       |

## WORK EXPERIENCE

### BestBuy

October 2018 - January 2020

#### Apple Master

- Utilized strong technical knowledge to advise customers to the best solutions for their individual problems, such as device and plan requirements based off their goals
- Trained and supervised fellow employees on the Apple ecosystem, improving Apple sales throughout the store as a result
- Employed strong communication skills to ensure customer satisfaction, earning a perfect score on customer-made reviews

## PROGRAMMING ACCOMPLISHMENTS

### SociAll Social Media Keychain

January 2021 – May 2021

#### Team Leader

- Proposed concept of social media keychain application for a semester-long project that had the most applicants, as well as won class voted “Best System” upon completion
- Developed a rapid response text bot using Python, Flask, and SQL to make user interaction with the application possible from mobile devices
- Designed and assisted in developing the SociAll website, making UX as intuitive and streamlined as possible
- Used knowledge of database management to assist in both the formatting and creation of an SQL database designed to efficiently store and access user data
- Oversaw GitHub operations and approved merge requests to maintain a high standard of code quality
- Focused on team coordination and requirements engineering as project manager and facilitated the creation of the system as a whole

### TeamBandit Capstone Project

August 2021 – April 2022

#### Team Leader

- Voted as team leader by peers for the project to provide direction, duties, and communicate with the client
- Led requirement acquisition phase, interacting with client to draft a document that outlined the functional and performance requirements of the system
- Investigated front-end JavaScript frameworks, compiling the findings into a comprehensive technology feasibility document to build the project’s stack
- Set up back-end infrastructure for web application such as NodeJS, git, port forwarding, and AWS EC2 server creation/formatting to facilitate a smooth development process
- Implemented Python script to scrape emails from a mail client, using modules such as imaplib, email, and pycpg2 to parse and store email information to be displayed using ReactJS in a chat log format within the web application

## EDUCATION

Northern Arizona University  
Anticipated Graduation: April 2022  
Major: Computer Science (*Dean’s List Spring 2020, Fall 2021*)

## PROMINENT COURSES

- |                                                                  |                                                                  |                                                               |
|------------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------------|
| <input checked="" type="checkbox"/> CS212 – Web Programming      | <input checked="" type="checkbox"/> CS249 – Data Structures      | <input checked="" type="checkbox"/> CS345 – Database Systems  |
| <input checked="" type="checkbox"/> CS386 – Software Engineering | <input checked="" type="checkbox"/> CS421 – Algorithms           | <input checked="" type="checkbox"/> CS460 – Networks          |
| <input checked="" type="checkbox"/> CS480 – Operating Systems    | <input checked="" type="checkbox"/> CS476/486 – Capstone Program | <input checked="" type="checkbox"/> CYB404 – Malware Analysis |