

# Marcus Andrist

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marcusandrist.github.io

## EDUCATION

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### Drake University

*Bachelor of Science, Computer Science (In Progress)*

Anticipated Graduation Date: May 2024

*Des Moines, IA*

### Minnesota State University

*Transferred to current university*

Aug 2020 – May 2022

*Mankato, MN*

## EXPERIENCE

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### Python Application Developer

May – July 2023

*Baker Tech Services*

- Utilized the python library tkinter to generate the user interface and a python wrapper for a restful api to handle backend requests. Repository Link (GitHub)
- Provided end deliverable on time—a standalone executable application that can update item statuses through the use of a UPC bar code scanner and user interface.

### Flask App Class Project

Jan – May 2023

*Drake University*

- Taught principles of web design and server structure to group members for containerizing frontend operations inside server functions with respect to routing, state, and persistent data retrieval/maintenance.
- Generated initial markup of app structure and format of json objects to be passed between tech stacks. (mysql database, Flask api, and ReactJS frontend)
- Handled the stand-up and interactions with the database and front-end team for integrating the live database with the Flask server and React stacks.

### Lead UI/UX Designer

Jan – May 2022

*WooFactor Music via Minnesota State University*

- Interviewed several musicians and built on previous project based on their professional feedback.
- Worked mostly in the command line interface, represented musical data with correct formatting for musicians.
- Practiced an agile methodology through research and interviews, presentations, and code reviews.

### IT Office Manager

Oct 2022 – Jan 2023

*Baker Tech Services*

- Organized a small team of IT technicians to provide a structured approach to servicing customer's needs via ticketing and efficient diagnosis of IT problems through the phone, email, and customer visits.
- Regularly provided disk recoveries, over the counter IT support, and commercial software validation/assistance. (Using remote desktop, our local servers, office365, and the intuit software suite)

## TECH SKILLS (ORDERED BY SKILL LEVEL)

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**Proficient Areas:** python, application development, java, html, prototyping, research, restful apis, wireframing

**Intermediate Areas:** javascript, css, full-stack development, deployment-grade development environments, sql

**Workflows:** agile approach, reflection, research first, rich documentation, user stories, acceptance criteria

**Familiar Tools:** git, linux, vim, vscode, paint.net/adobe photoshop, intellij idea & webstorm, node, venv, eclipse, docker, pycharm, aws, overleaf

References available upon request.