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Morgan Jackson

Proficiencies

Programming Languages:	Python, C, C++, Java, C#, JavaScript, TypeScript, SQL, PHP
Other Technologies/Tools:	HTML, CSS, Node.js, React, MUI, Bash, Git, Emacs, MySQL, MongoDB, Firebase
Other Software:	Visual Studio, Visual Studio Code, Figma, Unity

Experience

URCA Assistant   **Jan. 2022 – Present**   **Edwardsville, IL**
Undergraduate Research & Creative Activities, SIUE

- Working with faculty mentors and fellow assistants in an independent study
- Developing a React webapp to study sensitivity in art therapy
- Contributing to a scientific paper comparing user interfaces

CS 382 Game Design Grader   **Jan. 2022 – Present**   **Edwardsville, IL**
Southern Illinois University Edwardsville

- Following along with student Unity projects
- Testing students' games and giving feedback on their code along with a grade

Frontend Web Engineering Intern   **Feb. 2021 – Aug. 2021**   **St. Louis, MO**
Midway Spark   **(Remote)**

- Developing pages for Prismatic web app with Figma and Typescript with React
- Weekly stand-ups to track progress on tasks on company Kanban board
- Engaging in training from experienced engineers to learn concepts in human computer interaction, agile teams, RESTful API, and other elements of company tech stack

Education

Bachelor of Science, Computer Science   **Fall 2019 – Present**   **Edwardsville, IL**
Current GPA: 3.835   **(Grad. Spring 2023)**

Minors:	Math, Political Science
Notable Coursework:	Human Computer Interaction, Database and Web System Development, Software Engineering
Honors & Awards:	University Honors Program, Dean's List (All Semesters)

Activities, Leadership, and Extracurriculars

Director of Community   **April 2021 – Present**   **Edwardsville, IL**
SIUE Programming & Research Collaboration
Founding Board Member

- Developing organization to allow SIUE students to gain experience outside classroom
- Organizing collaborative coding exercises for members to learn from each other
- Organizing and expo for students to show off their computer sciences projects at the end of the year

Projects

Portfolio   **Dec. 2021 – Present**   **Multiple Locations**

- Portfolio webapp made using React with MUI, hosted on GitHub Pages
- Available at https://majornoid.github.io/

Crowgenium   **Aug. 2021 – Dec. 2021**   **Edwardsville, IL**
HCI Group Project

- Worked with two team members to design a shopping app for comparing stores from scratch
- Brainstormed problems, ran contextual inquiries, and developed solutions
- Created paper prototype, conducted usability tests, then made Figma hi-fi prototype
- Documentation at https://crowgenium.weebly.com/