

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 Undergraduate Research & Creative Activities, SIUE <ul style="list-style-type: none">Working with faculty mentors and fellow assistants in an independent studyDeveloping a React webapp to study sensitivity in art therapyContributing to a scientific paper comparing user interfaces	Jan. 2022 – Present	Edwardsville, IL
CS 382 Game Design Grader Southern Illinois University Edwardsville <ul style="list-style-type: none">Following along with student Unity projectsTesting students' games and giving feedback on their code along with a grade	Jan. 2022 – Present	Edwardsville, IL
Frontend Web Engineering Intern Midway Spark <ul style="list-style-type: none">Developing pages for Prismatic web app with Figma and Typescript with ReactWeekly stand-ups to track progress on tasks on company Kanban boardEngaging in training from experienced engineers to learn concepts in human computer interaction, agile teams, RESTful API, and other elements of company tech stack	Feb. 2021 – Aug. 2021	St. Louis, MO (Remote)

Education

Bachelor of Science, Computer Science Current GPA: 3.835 <i>Minors:</i> Math, Political Science <i>Notable Coursework:</i> Human Computer Interaction, Database and Web System Development, Software Engineering <i>Honors & Awards:</i> University Honors Program, Dean's List (All Semesters)	Fall 2019 – Present (Grad. Spring 2023)	Edwardsville, IL
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Activities, Leadership, and Extracurriculars

Director of Community SIUE Programming & Research Collaboration Founding Board Member <ul style="list-style-type: none">Developing organization to allow SIUE students to gain experience outside classroomOrganizing collaborative coding exercises for members to learn from each otherOrganizing and expo for students to show off their computer sciences projects at the end of the year	April 2021 – Present	Edwardsville, IL
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Projects

Portfolio <ul style="list-style-type: none">Portfolio webapp made using React with MUI, hosted on GitHub PagesAvailable at https://mbjackson7.github.io/	Dec. 2021 – Present	Multiple Locations
Crowgenium HCI Group Project <ul style="list-style-type: none">Worked with two team members to design a shopping app for comparing stores from scratchBrainstormed problems, ran contextual inquiries, and developed solutionsCreated paper prototype, conducted usability tests, then made Figma hi-fi prototypeDocumentation at https://crowgenium.weebly.com/	Aug. 2021 – Dec. 2021	Edwardsville, IL