

Caleb Bayles

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EDUCATION

Southern Illinois University Edwardsville (SIUE)
Bachelor of Science in Computer Science

Expected Graduation: May 2024
GPA: 3.7

PROJECTS

NGRREC GREON Map

1 month

- Currently working alongside a team to build as a senior project a system to provide NGRREC easy access to live data collected from their various GREON units throughout the region
- Planning to include a frontend website, a large database, and a backdoor interface for authorized employees

Personal Portfolio

4 months

- Used React, Next.js, and Tailwind CSS to create a portfolio showcasing my projects and skills, while also getting to further my experience with those tools
- portfolio.cbayles1.vercel.app

Expendable 054 – Lead Designer and Programmer

1 year

- Developed a full video game in Python
- Collaborated with talented artists to create game art
- Released the game to the public, along with subsequent bug fixes
- caleb-bayles.itch.io/expendable054

Turtle Race

2 months

- In development on a full-stack web app where users vote on the winning turtle in a race
- Uses a PostgreSQL database and a RESTful API to connect the database to a Next.js frontend
- github.com/cbayles1/turtleRace

SKILLS

Web Development

Proficiency

- JavaScript ● ● ○
- React.js ● ● ●
- Next.js ● ● ●
- Node.js ● ○ ○
- REST APIs ● ○ ○
- Tailwind CSS ● ● ○
- HTML/CSS ● ● ●
- PostgreSQL ● ○ ○
- Responsive Design ● ● ○

Other Knowledge

Proficiency

- Python ● ● ●
- Java ● ● ○
- C/C++ ● ● ○
- Git ● ● ○
- Windows ● ● ●
- Linux ● ● ○
- OOP ● ● ○
- Agile ● ○ ○
- Scrum ● ○ ○

WORK EXPERIENCE

Park Maintenance, Decatur Park District

May 2021 - Present

- Maintained parks in the city of Decatur, grew a good work ethic and had to be a quick learner

ACTIVITIES

Volunteer Work: CRU President

September 2021 – Present

- Led and mentored students in group discussions on biblical information and personal motivation
- Led musical events and helped musicians prepare by providing chord charts, lyric sheets, and rehearsals