

Caleb Bayles

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EDUCATION

Southern Illinois University Edwardsville (SIUE)
Bachelor of Science in Computer Science
Dean's List (2 Years)

Expected Graduation: May 2024
GPA: 3.7

TECHNICAL SKILLS

Python, JavaScript, React, Next.js, Node.js, REST APIs, Tailwind, HTML/CSS, Java, C/C++, Git, PostgreSQL, Responsive Design, Windows, Linux, CI/CD, OOP

PERSONAL PROJECTS

Expendable 054 – Lead Designer and Programmer

1 year

- caleb-bayles.itch.io/expendable054
- Independently developed a full-scale side-scrolling video game in Python using the pygame SDL library
- Collaborated with talented artists to create game art and accommodated user testing
- Released the game to the public, and have released subsequent bug fixes and patches

Personal Portfolio

4 months

- portfolio.cbayles1.vercel.app
- Used React, Next.js, and Tailwind CSS to create a portfolio showcasing the many projects I have undertaken, while also furthering getting the opportunity to further my experience with those tools

Turtle Race

2 months

- github.com/cbayles1/turtleRace
- Currently developing a full-stack web app allowing users to vote on the winning turtle in a series of relatively slow races, using a PostgreSQL database to store both turtle info and user info, and connecting it to the Next.js frontend via a custom REST API.

Weather App

2 months

- weather-ten-alpha-82.vercel.app
- Designed and built a simple weather application that can give the user a thorough glimpse of current weather, as well as a forecast, based on only a country and zip code
- Gained understanding of how to use both React, Next.js and APIs in order to streamline development

ACTIVITIES

Volunteer Work: CRU President

September 2021 – Present

- Led and educated students in small group discussions on biblical information and personal motivation
- Led musical events and helped musicians prepare by providing chord charts, lyric sheets, and rehearsals
- Mentored students in small group meetings and guided them towards practical living and habits

WORK EXPERIENCE

Park Maintenance, Decatur Park District

May 2021 - Present

- Trimmed and maintained various parks throughout the city of Decatur during many summer months