

Noah Reppert

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EXPERIENCE

Full Stack Web Developer

May 2022 – Dec. 2023

Schweb Design

Remote

- Wrote backend code to process and integrate business data into user-facing web applications.
- Developed APIs that are secure, organized, and allow the backend to create, read, update, and delete as needed.
- Used Confluence to keep track of sprints, project progression, and project expectations.
- Implemented Figma design documents.

EDUCATION

Montgomery County Community College

Blue Bell, PA

Associate of Science in Computer Science

Aug. 2020 – May 2024

PROJECTS

Calorie Tracker | *React, PostgreSQL, Express.js, FoodData Central API, Node.js*

- Developed a full-stack web application serving a Node.js REST API with React as the frontend.
- Implemented CRUD functionality with PostgreSQL as the database.
- Utilized the USDA FoodData Central API to obtain food data.
- Implemented user authentication using bcrypt.js and cookies.

Cookies Only | *Next.js React, Tailwind, CD via GitHub Actions*

- Developed a website that shows you what some of the most popular cookie recipes look like and displays their recipe in grams.
- Statically Exported to GitHub Pages via Next.js.
- Setup Continuous Deployment with GitHub Actions.

Island Generator | *Odin, OpenSimplex Noise, OpenGL, GLSL, Git*

- Developed an island generator that uses OpenSimplex Noise.
- Ported noise library into the Odin standard library.
- Contributed to the official Odin examples page.

Odin ECS | *Odin, ECS, Git*

- Developed an Entity Component System that can dynamically add functionality to objects in my game.

Game Framework | *C++, OpenGL, OpenAL, CMake, GLSL, Git*

- Developed a 2D game framework to learn about game engine development.
- Used OpenGL for high performance graphical rendering of 2D scenes.
- Implemented high performance batch renderer, scene system, ECS system, and a Physics system with Box2D.

TECHNICAL SKILLS

Languages: Java, SQL, C++, JavaScript, HTML, CSS, Python

Frameworks/Libraries: Next.js, React, Node.js, Express.js

Developer Tools: Git, VS Code, IntelliJ, CLion, Linux, Figma