

Nathan Fleet

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EDUCATION

Kent state University

Bachelor of Science in Computer Science

Kent, OH

Aug. 2021 – Present

RELEVANT COURSEWORK

Computer Science I A&B Proc/Object Program

CS13011/CS13012

Familiarize students with programming in a high-level object-oriented language

- Conditional and loop statements, functions, arrays, pointers
- Object classes, dynamic memory allocation, vectors

Computer Science II: Data Structures/Abstraction

CS23001

Advanced computer programming design and development

- Primary focus on data structures and abstraction
- Utilized an object-oriented programming language

Software Engineering

CS33901

An introduction to software engineering concepts

- life cycle models; modeling languages; requirements analysis; specification;
- design; testing; validation; project management and maintenance.

PROJECTS

Centralized Crypto | *Next, React, Tailwind, Hot Toast*

January 2023 – Present

- Centralized Crypto is an application that allows users to deposit money into crypto currency accounts.
- Users are able to make deposits/withdraws from external bank accounts using the web application.
- Users are able to sign up with the “bank” to begin making transactions.
- Application utilizes json for the back-end

Sneaker Sphere | *SQL, React, Tailwind*

January 2023 – Present

- The purpose of the Sneaker Sphere website is to create a marketplace for shoe buyers and sellers.
- By implementing an SQL database, the website is able to manage all necessary information in one place
- Application is an efficient and effective platform for shoe buying and selling.
- SQL database REST API, React front end

Gamma Physics | *JavaScript, HTML, CSS*

January 2023 – Present

- This project implements the p5.js library, as well as HTML and CSS
- This game includes different levels, as well as different balls to choose from.
- The balls come in different shapes and follow different physics rules.

TECHNICAL SKILLS

Languages: Python, C/C++, SQL, JavaScript, HTML/CSS, R

Frameworks: React, Node.js, Next.js

Developer Tools: Git, VS Code, Visual Studio, Eclipse

Libraries: p5.js

SUMMARY

I'm a computer science student at Kent State University, currently enrolled in the honors college program. My academic interests lie in programming languages such as Python, JavaScript, and C++, and I enjoy using them to solve real-world problems. I'm passionate about software development and continuously strive to enhance my skills through hands-on experience and challenging coursework. I'm committed to developing innovative solutions that contribute to the betterment of society, and I'm excited about the opportunities that lie ahead as I continue to pursue my academic and professional goals.