Brendan Gass

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Education

The Ohio State University   Expected Graduation: Spring 2024
Bachelor of Science in Computer Science and Engineering   GPA: 4.00
· **Relevant Courses:** Data Structures & Algorithms, Software Development & Design, Computer Systems

Professional Experience

Novvia   Columbus, OH
Software Development Intern   May 2022 – July 2022
· Developed cross-platform mobile applications using Flutter and Firebase.
· Built complete user interface for challenge search menu based on mockups provided by client.
· Architected Firebase Firestore Database to store data for user comments and community challenges.
· Optimized queries from database which led to significant increase in responsiveness of application.
· Implemented search feature using the Algolia Search API which allowed users to find events by name, description, tags, or proximity.

Central PA Discgolf   Hanover, PA
Web Developer   Jun 2021 – Aug 2021
· Developed a featured product home page that led to 20% increase in daily traffic to site.
· Updated layout and organizational structure of retail site which led to thousands in increased revenue.
· Implemented new methods for uploading products to website which reduced labor costs by 30%.

Code Ninjas   Hanover, PA
Code Sensei   May 2018 – Jul 2020
· Instructed children ages 7-14 the JavaScript programming language through coding video games.
· Wrote curriculum for games I developed to be taught in weeklong JavaScript summer boot camps.

Projects

Workout Tracker Mobile App   June 2022 - Present
· Built cross-platform mobile application using Flutter on the front-end and Firebase as the back-end.
· Learned how to implement user authentication with Google and traditional email and password.
· Learned how to construct entire back-end system to efficiently fetch user data for display.

Personal Portfolio Web App   Oct 2021
· Developed front-end web application using Svelte to display my development work.
· Learned how to deploy and host application where it has accumulated hundreds of visitors.
· Implemented responsive layout based on mockups prototyped in Figma.

Skills

Languages: JavaScript, Python, Java, Dart, C, HTML, CSS
Technologies: Flutter, Svelte, Firebase, Node.js, React.js, React Native, Git, JUnit