

Brendan Gass

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Education

The Ohio State University

Bachelor of Science in Computer Science and Engineering

Expected Graduation: Spring 2024

GPA: 4.0

Professional Experience

UDisc

Remote

iOS Engineering Intern

May 2023 - July 2023

- Collaborated with a small, remote team to develop an iOS application using SwiftUI, UIKit, and Realm.
- Worked closely with the design and growth team to restructure pro trial promotion within the app which led to a 500% increase in pro trial activations within a user's first 2 hours of account creation.
- Designed and implemented a home screen widget with WidgetKit displaying a user's weekly app usage statistics which increased weekly app engagement and user retention.
- Leveraged ActivityKit to display real-time app updates on the user's lock screen and dynamic island which improved the user experience of the app's core functionality.

Novvia

Columbus, OH

Mobile Development Intern

May 2022 - July 2022

- Architected the Cloud Firestore database to store data for users' posts, comments, and reactions.
- Optimized existing database queries which led to a 14% improvement in app's benchmark tests.
- Implemented database search feature using Algolia's Search API which allowed users to filter results by name, description, tags, or proximity.

Code Ninjas

Hanover, PA

Coding Instructor

May 2018 - July 2020

- Taught children ages 7 - 14 the JavaScript programming language by leading group coding classes.
- Created class curriculum which demonstrated important programming fundamentals and key concepts.

Projects

Workout Tracker Mobile App | Flutter, Firebase, Dart

- Designed and implemented a cross-platform mobile application to create and track workout programs.
- Learned how to implement user authentication, manage users' data, and handle complex routing.

Personal Portfolio Website | Svelte, JS, HTML, CSS

- Developed a front-end web application to display my software development projects.
- Learned how to deploy and host a web application which has accumulated over a hundred visitors.

Skills

Languages: Swift, Python, JavaScript, Dart, Java, Ruby, C, HTML, CSS

Technologies: SwiftUI, Flutter, Svelte, React, Realm, Rails, Firebase, UIKit, React Native, Node.js, Git