

Brennan Tibbetts

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Work Experience

Software Developer *Netjets Aviation - Columbus OH* *July 2024 - Present*

- ❖ Developing end-to-end microservices in AWS Cloud Native architecture on an Agile team.
- ❖ Designing and prototyping user experiences using Figma, iOS/Swift, and React.
- ❖ Managing and Monitoring bi-weekly deployments to over 12,000 critical iOS devices.

Software Developer - Intern *NetJets Aviation - Columbus OH* *May 2023 - August 2023*

- ❖ Developed a Single-Page-Web-App using React.js, now frequently used within the company.
- ❖ Collaborated in an experienced Scrum team with daily accountability.
- ❖ Received invaluable one-on-one mentorship from company leaders.

Education

The Ohio State University *B.S. Computer Science & Engineering, Specialization in AI*

GPA: **3.3 / 4.0**

Major(CSE) GPA: **3.7/4.0**

Relevant Skills: (*Proficient*): AWS, React.js, Node.js, TS, Swift/XCode, Figma, C#, Python, Ruby, Java

(*Familiar*): C, C++, SQL, GraphQL

Projects

Rhythm-Based Game - Team Project 2022

- ❖ Developed a Guitar-Hero game that syncs levels with soundtracks in C# & XNAFramework.
- ❖ Collaborated in a team for 10 weeks using Agile methodology, emulating industry workflow.
- ❖ Created custom shaders for Bloom lighting with MonoGame FX.
- ❖ Captivated the class, resulting in an impromptu gameplay session for an entire class period.

Chrome Extensions 2022

- ❖ EcoBot - Evaluates website eco-friendliness via LLM API.
- ❖ PongExt - Pong game activated during network outages, built with JavaScript and Python.

Involvement

OS3 - Web Technology Innovation Club - Vice President 2023 - 2024

- ❖ Educated members on Web 3.0 and emerging web development technologies.
- ❖ Provided adaptation strategies for new tech trends.

Relevant Coursework

CSE: Data Structures & Algorithms, Project: Web Development, Project: Interactive Systems, Operating Systems, Low level Programming, Networking, Programming Languages, Lab: Python

MATH: Foundations of Higher Mathematics, Statistics, Linear Algebra, Machine Learning Methods

Awards

Netjets HACKATHON - Winner 2024

Purvis Systems - Technology and Engineering Performance Scholarship 2020