

# Brennan Tibbetts

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## Work Experience

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**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

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**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

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### **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.

## Involvelement

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### **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

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**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

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**Netjets HACKATHON - Winner 2024**

**Purvis Systems - Technology and Engineering Performance Scholarship 2020**