

Brandon Jones

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EDUCATION

The University of Alabama <i>Bachelor of Science in Computer Science</i> <ul style="list-style-type: none">• GPA: 3.52• Awards: Cum Laude, Academic Excellence Award 2023, Dean's List Fall 2023	Aug. 2020 – Dec. 2023 Tuscaloosa, AL
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EXPERIENCE

Generative AI Researcher <i>United Airlines</i> <ul style="list-style-type: none">• Lead a small team of Developers to create an AI Powered solution which leveraged AI Agents and MCP Servers• Created multiple Agentic AI applications for usecases on proprietary software including RAG applications• Worked with Anthropic AI Suite to develop applications	August 2025 – January 2026 Chicago, IL
Backend Developer - United Mobile App <i>United Airlines</i> <ul style="list-style-type: none">• Developed and maintained C#/.NET backend services, creating and optimizing API endpoints for a large-scale mobile application.• Debugged and resolved production issues using tools like Fiddler to trace API calls, identify failures, and ensure smooth backend performance.• Collaborated in cross-functional design meetings with UX/UI, API microservice teams, and business stakeholders to align technical solutions with user and business needs.• Delivered new financial features and core app functionality, including a QR code and deeplink integration will allow 1000000+ customers to shop for flights based on recent searches.	Feburary 2025 – August 2025 Chicago, IL
Data Analyst - Air Operations <i>United Airlines</i> <ul style="list-style-type: none">• Developed and maintained Power BI dashboards to visualize key operational metrics and provide actionable insights for flight schedulers and other stakeholders.• Automated batch processes by creating and optimizing SQL scripts in PostgreSQL and DBeaver, improving data accuracy and reducing manual workload.• Conducted detailed corporate spending analyses using Palantir Foundry, linking product usage and costs to specific teams and users for better budget accountability.• Collaborated with cross-functional teams to translate business needs into data-driven solutions.	August 2024 – January 2025 Chicago, IL

TECHNICAL SKILLS

Languages: Swift, Python, C/C++, C#, Java, HTML/CSS, TypeScript, JavaScript, PostgreSQL

Frameworks: SwiftUI, ReactJS, Microsoft .NET, FastMCP, Langchain

Developer Tools: Git, GitHub, Bitbucket, VS Code, Visual Studio, XCode, Unity Editor, Jupyter Notebook, Eclipse, Jira, Sourcetree, Github Desktop, Claude Code, Postman, Fiddler, LangFlow, PowerBI

Certifications: Object-oriented Programming, Data Structures and Algorithms, Agile Development, Machine Learning, Brain Computer Interface

CERTIFICATIONS

GitHub Foundations Validated knowledge of Git, GitHub workflows, and version control best practices.	Link To Certificate
Leadership Credential II Designed to prepare emerging leaders with strong business acumen, collaboration, and communication skills, with an emphasis on inclusive leadership and innovation.	Link To Certificate
Unity Junior Programmer Validates proficiency in C# scripting and developing interactive experiences using the Unity engine.	Link To Certificate