

# **Brittany Parker**

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## My Journey

From console calculators to AI-powered tools. From coursework to real-world collaboration. I'm a builder who never stops learning.

## Current Focus

### Active Engineering Collaboration

Contributing to an education technology platform alongside software engineers. Weekly meetings, feature development, and real code in production. Learning what it means to ship software as part of a team.

### AI & Machine Learning

Taking courses and building AI-powered tools. Exploring how machine learning can enhance software development and solve real problems.

### Data Structures & Algorithms

Deep-diving into fundamentals to strengthen my computer science foundation and prepare for more complex technical challenges.

## Technical Growth Path

### Phase 4: AI & Collaboration (Current)

- AI/ML coursework and tool development
- Contributing to education platform with engineering team
- Data structures and algorithms deep dive

### Phase 3: Web Development (Self-Taught)

- HTML, CSS, JavaScript
- Building web interfaces and modern front-end skills

### Phase 2: Desktop & Game Development

- Desktop Apps: Personal Finance Tracker, Weather App, Note-Taking System
- Game Dev: 2D/3D platformers, physics engines, cameras, real-time rendering
- Learned GUI development, user experience, and system architecture

### Phase 1: C# Foundations (Davenport University)

- Console applications: Calculator, Todo Manager, Password Generator, Tic-Tac-Toe
- Core concepts: Dependency Injection, separation of concerns, modular design
- Object-oriented programming fundamentals

## Education

Davenport University — Computer Science Coursework (2015–2019)  
Visual Studio, C# programming, software design principles

## Collegiate Athlete — Track & Field

Invited to compete in Australia during my senior year of high school; later ran college track as well.  
Developed discipline, performance optimization, and competitive mindset through data-driven training.

## Professional Experience

Customer Service Agent — Randstad (Aug 2024 – Oct 2024)  
Clear communication, data accuracy, empathetic problem-solving in metrics-driven environment

Windows 10 Deployment Technician — MCPc, Inc. (Nov 2019 – May 2020)  
Enterprise deployments for Meijer, Steelcase, Spectrum. Client coordination, security configuration, deadline delivery

GOA Lead — Avflight (Sep 2020 – Sep 2021)  
Team leadership, safety compliance, operational coordination in high-pressure environment

## Technical Skills

Languages: C# (Primary), JavaScript, HTML, CSS, Java  
Concepts: OOP, Dependency Injection, Modular Design, Control Flow, Separation of Concerns  
Applications: Desktop GUI Development, Game Development (2D/3D), Web Development  
Tools: Visual Studio, Git, Windows Imaging, Microsoft Office  
Learning: AI/ML, Data Structures, Algorithms, Modern Web Frameworks

## Why I'm Ready for Atomic's Accelerator

I've built my technical foundation through coursework, self-study, and hands-on projects. I've learned what it means to deliver for clients through enterprise deployments. I've developed communication and problem-solving skills through customer-facing roles. And I've proven I can balance it all—work, learning, and raising two children—while continuing to grow.

Now I'm ready for an environment that will accelerate that growth even further. I'm ready to learn from experienced consultants, work on real client projects, and become the software developer I've been building toward.