Parker Middleton

Computer Science Student, AI Emphasis

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EDUCATION

University of Utah   Salt Lake City, UT

Bachelor of Science in Computer Science, AI Emphasis   Aug 2023 - May 2026
- **GPA: 3.22**, Dean's List 2024-2025, First-Generation Honors Society
- **Courses:** Software Practice I & II, Computer Systems, Practical Machine Learning, Algorithms, Databas Systems, Linear Algebra, Human Centered Design, Data Analysis, Mobile App Programming (Android), Web Development

SKILLS

Programming: Angular, C/C++, C#, HTML/CSS, Java, JavaScript/TypeScript, Kotlin, Python, SQL, x86
Software: Android Studio, Docker, Eclipse, Firebase, Git/Github, Google Suite, Jetpack Compose, LaTeX, Linux, MVC, MVVM, .NET, PyTorch, Qt Creator, TCP/IP, Typst, Visual Studio, VSCode, Windows
Soft Skills: Communication, Confidential Information Security, Customer Service, Documentation, Inventory, Money Management/ Handling, Presentation, Teaching, Teamwork, Time Management

PROJECTS

Simple Sheet: Spreadsheet Application - C#, .NET MAUI, MVC   October 2023

A lightweight Excel-style spreadsheet application that lets users quickly create and organize data, with support for formula evaluation between cells.

Neon Snakes: Multiplay Snake Battle Arena - C#, .NET MAUI, TCP/IP, JSON, MVC   December 2023

Players compete in real-time to grow their snakes and dominate the game world, all while avoiding rivals, creating a dynamic and strategic multiplayer battle experience.

Sprite Animator - C++, Qt Creator, Slots & Signals   April 2024

Design your own pixel art and animate it frame by frame. Combine multiple frames to create smooth, dynamic animations, giving full creative control over your pixel designs.

Bar Blunder: Cocktail Creation Simulator - C++, Qt Creator, LiquidFun, Box2D, Model-   May 2024
View

Designed to teach adults mixology, this cocktail creation simulator uses liquid physics to help users craft drinks with the correct pour and ingredients.

Learning Management System Backend - C#, .NET, MySQL, LINQ   May 2024

A database backend for a university Learning Management System, enforcing constraints and managing course, student, and enrollment data.

Draw on the Go - Kotlin, Android Studio, Firebase, SQLite, MVVM   December 2024

An Android application for creating drawings on the go. Users can store their drawings locally or upload them to the cloud for other app users to view.

TA Grading Applicaiton - HTML, CSS, JavaScript, Python, Django   May 2025

A web application designed to simplify grading for TAs. Users can submit assignments as students, grade as TAs, or manage content as administrators.

WORK EXPERIENCE

Manager, Bartender   Dallas, TX / Salt Lake City, UT

Various Restaurants   September 2014 - Present
- Gained a strong work ethic while building advanced communication and customer service skills, and honed the ability to thrive in team-oriented environments.

September 01 2025