

Cameron Ottley

Salt Lake City, Utah • (801) 918-3132 • cameron.ottley@gmail.com
linkedin.com/in/cameron-ottley • ottles91.github.io

Professional Summary: Salt Lake City-based Software Engineer with a passion for writing clean, efficient code, mentoring peers, and delivering user-focused features that enhance performance and scalability

Education

Bachelor of Science in Software Engineering • 3.6 GPA

Utah Valley University, Orem, Utah

Graduation: May 2025

- Dean’s List: Fall 2023 • Fall 2024 • Spring 2025
- Collaborated with faculty to modernize core Computer Science curriculum
- Developed a mobile app to help faculty form student teams based on personality strengths
- President, UVU iPhone Development Club: Led Swift development workshops and mentored members in building iOS app prototypes

Skills

Programming Languages

C#, Python, Swift, C/C++,
JavaScript, SQL (MySQL),
HTML/CSS, Rust, Java, R,
Bash

Development Practices

Object-Oriented
Programming (OOP), Data
Structures, Design Patterns,
Software Testing,
Agile/SCRUM methodologies,
CI/CD, Version Control (Git)

Frameworks & Tools

.NET, ASP.NET, Entity
Framework, RESTful APIs,
Docker, AWS, Visual Studio,
GitHub, Xcode, Microsoft
Office

Software Development Experience

C# Software Engineer

May 2024 - Present

3Pupper Studios, Remote

- Refactored Unity C# code and optimized architecture for a VR game project, improving maintainability, reducing technical debt, and ensuring testable code
- Improved game startup time by 20% by optimizing initialization routines
- Implemented Singleton and Factory design patterns to standardize architecture and simplify future feature development

Mobile Software Engineer

May 2017 - November 2017

Zaapp, Salt Lake City, Utah

- Guided a mobile team in building media-focused iOS applications, contributing Objective-C and Unity/C# code, debugging, and accelerating feature delivery
- Facilitated stakeholder communication to align expectations with technical feasibility and prevent scope creep
- Collaborated with founders to carry forward contracts from prior ventures, establishing early client trust

Unity & Mobile Software Engineer

January 2013 - October 2013

Pixio LLC, Salt Lake City, Utah

- Spearheaded development of an interactive tabletop gaming application that projected virtual Dungeons & Dragons maps onto physical tables, transforming the user experience and increasing engagement for play groups
- Developed and deployed mobile iOS applications in Objective-C for client projects, writing maintainable code aligned with business needs
- Collaborated in an Agile team and met with clients to gather requirements, translating their vision into functional designs while balancing scope, deadlines, and technical feasibility

Additional Experience**Employee Trainer & Sales Associate**

March 2015 - August 2019

The Home Depot, Salt Lake City, Utah

- Trained 25+ new hires in department-specific procedures, equipment use (e.g. key copier, sprinkler systems), and store policies to ensure smooth onboarding and confident, capable performance
 - Took initiative to coordinate lunch breaks and delegate key tasks (e.g. watering, stocking, unloading trucks) during manager absences, maintaining full department coverage and operational flow
 - Served as an informal team lead, ensuring daily tasks were completed efficiently and supporting a positive team dynamic; consistently recognized by management for exceeding role expectations
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