

Jason Merrone

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Professional Objective

Driven and detail-oriented professional seeking to leverage academic and practical experience within an industry role. Eager to contribute to innovative projects and collaborate with teams to drive advancements in technology.

Technical Projects

- **Virtual Machine** - Virtual computer programmed from scratch in Kotlin. Includes a custom Tic-Tac-Toe ROM compiled from Hexadecimal machine code.
- **CatConnect** - Full-stack web application leveraging React and Django. Includes a custom trained CNN for identifying cat images.
- **Destinations** - A web application that lets users track destinations and share reviews with others. Implemented with Django as the backend.

Educational Background

Utah State University - Bachelor of Science in Computer Science, Minor in Mathematics, Expected Graduation 2025. Cumulative GPA: 3.4/4.0.

Professional Experience

- **Capital Fuels** - Operations Support Technician, Summer 2023. Enhanced customer transaction systems, optimized equipment diagnostics, and streamlined loyalty program registration through SQL and ASP.NET solutions.
- **KSL Broadcast Group** - Engineering Intern, Oct 2021 - Apr 2022. Specialized in electronic repairs, system programming, and 3D design, contributing to technological improvements and operational efficiency.

Core Competencies

- Proficiency in Kotlin, Python, JavaScript, Java.
- Full stack development with React and Django frameworks.
- Experience with data science libraries such as Pandas, Scikit-learn, Keras, PyTorch, and Jupyter.