Dawson Kennedy
CS-499-13167-M01 Computer Science Capstone 2025 C-2 (Mar - Apr)
Professional Self-Assessment
04-17-2025

Over the course of my Computer Science degree, I've developed strong foundational and applied skills across multiple domains, including software engineering, algorithms, and database management. This capstone project has allowed me to showcase not only what I've learned, but also how I've grown as a developer capable of tackling real-world problems.

Through the enhancement of my mobile Inventory Management App, I demonstrated the ability to refactor and improve a full-stack project. This included thoughtful software design improvements, optimization of core algorithms, and securing and improving database functionality. Each enhancement directly aligns with key course outcomes and illustrates my growth from early coursework into a confident, competent software engineer.

Beyond this project, I've completed coursework and personal projects that deepened my experience with Android development, Java, SQL, data structures, and user interface design. I've also learned to collaborate effectively, communicate technical decisions to stakeholders, and stay adaptable in the face of challenges.

This ePortfolio not only represents my technical skills but also my values: writing maintainable code, designing intuitive user experiences, and solving problems efficiently and securely. I'm excited to take these strengths into my future career as a software developer, contributing to innovative, user-focused technology solutions.