

ANUNJIN BATDELGER

Applied Materials Momentum Scholar

571 338-9532 | batdelge002@gannon.edu | [LinkedIn Profile Click here](#) | <https://anunjinportfolio.netlify.app/>

EXPERIENCE

Software Engineering Intern | Guidant Inc

May – August 2024

- **API Optimization & Internal Testing Module:** Developed and implemented a module for internal testing API using **Python**, **JSON**, and **YAML**, improving API performance and reducing test execution time by 20%.
- **Framework Development:** Designed and integrated an **automation framework** leveraging Python and Accuload's API, which enhanced testing efficiency by 40% and enabled early detection of critical bugs.
- **Automated Testing:** Created **automated test scripts** using Python, increasing test coverage by 30%, reducing manual testing efforts, and ensuring higher reliability of Accuload's iOS control system.
- **Version Control & Team Collaboration:** Utilized **Git** for project collaboration, ensuring smooth version control and consistent code integration. Actively participated in weekly team meetings to discuss progress, resolve issues, and align on project goals.

Task Management App | Spring 2024, CS 300: Software Development

Technologies: Python, Flask, SQLite, HTML, CSS, Jinja, Flask-Login

- Developed a task management app with **CRUD functionality** for creating, editing, completing, and deleting tasks.
- Used **Flask** for backend operations and **SQLite** for data storage.
- Designed a user-friendly interface with **HTML**, **CSS**, and **Jinja templates**.
- Implemented Flask-Login for user authentication.
- Conducted unit and manual testing to ensure functionality.

PROJECTS

Personal Portfolio Website | The project is available on **GitHub**: [GitHub Link](#)

- **Design:** Implemented modern, clean design principles using **HTML** and **CSS**, ensuring mobile responsiveness across devices.
- **Interactivity:** Integrated **JavaScript** to create interactive elements such as a project filter, smooth scrolling, and dynamic content loading.

Homemade Food Mobile App – Computer Science Class Project | Spring 2024

- Developed a **mobile application** using **Java** and **XML** in Android Studio, incorporating features such as user authentication, recipe browsing, and shopping list management.
- Implemented **cloud database integration** to store and retrieve user profiles, recipes, and shopping lists efficiently, enabling seamless **data synchronization**.

PERSONAL DEVELOPMENT | CERTIFICATIONS

Code Path | Technical Interview Prep Course

Sep 11 – Nov 24, 2024

Selected for a highly competitive program with an acceptance rate of under **10%**.

- Mastered advanced algorithmic techniques, including **Advanced Linked Lists**, **Binary Trees**, **Binary Search**, **Two-Pointer Methods**, and **Recursion**.
- Focused on real-world problem-solving in preparation for software engineering internships, utilizing the **UMPIRE** interview strategy to tackle complex coding challenges.

EDUCATION

Gannon University | Bachelor of Science in **Computer Engineering**

2022 – May 2026

Relevant Courses: **Data Structures and Algorithms**, **Operating System**, **Mobile App development**, Linux programming, Data base Management, **Software Engineering**, **Web development**

TECHNICAL SKILLS

Programming languages: Python, Java, HTML, CSS, SQL, XML, Linux, Git, C

Developer tools: Visual Studio, IntelliJ, Android Studio, PyCharm, Git, Azure Dev, Figma