ANUNJIN BATDELGER

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EXPERIENCE

Software Engineering Intern | *Guidant, Inc*   May – August 2024

- **Automated Testing:** Developed and executed automated test scripts using Python to enhance the reliability of Accuload's IOS control system, increasing test coverage and reducing manual testing efforts by 30%.
- **API Optimization**: Upgraded and optimized the internal testing API, improving performance and functionality,which reduced test execution time by 20% and streamlined debugging processes.
- **Framework Development:** Built and integrated an automation framework for testing, leveraging Python and Accuload's API. Improved testing efficiency and accuracy by 40%, enabling early detection of critical bugs.
- **Team Collaboration**: Collaborated with senior engineers to identify system bottlenecks and optimize testingworkflows, introducing solutions that enhanced overall team productivity.

Student Assistant | *Nash Library*   Sep 2023 – Present

- Kept library shelves and printed materials well-stocked and organized according to established system.
- Assisted staff with completing special projects such as cataloging and digitalization of books, facilitatingorganizational processes.
- Processed customer fines and educated individual patrons on ways to minimize future charges

PROJECTS

Homemade Food Application – Computer Science Class Project | Spring 2024

- Developed a mobile application using **Java** and **XML in Android Studio**, incorporating features such as userauthentication, 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.

Automated Test Framework Development

- Created an automated test framework for Accuload's testing suite, written in Python, which streamlined testexecution and improved accuracy.
- Revamped the iOS code-wide linting pipeline, enhancing code quality and maintainability by automating the process with custom scripts. Automated internal testing processes, leading to more precise and reliable results,reducing manual testing time and errors.

PERSONAL DEVELOPMENT | CERTIFICATIONS

Code Path TIP 101 | Technical Interview Prep   Sep 11 – Nov 24, 2024

- Selected for a competitive program aimed at enhancing technical interview skills and algorithmic problem-solving. Mastering algorithmic techniques such as **Advanced Linked Lists**, **Binary Trees**, **Binary Search**, and **Two-Pointer methods, Recursion** using the **UMPIRE** interview strategy.
- Preparing for technical interviews with a focus on real-world problem-solving for software engineering internships.

Code Path | **Intro to Web Development with an official certification.**   February - April 2023

- Project-based exploration of web development, including frontend web fundamentals in HTML, CSS, and JavaScript.
- HTML: Basics and forms
- CSS: Properties and values, box model, development tools, and Flex Box
- JavaScript: DOM, event listeners, variables, functions, conditionals, loops
- Animation: For interactivity and aesthetics

EDUCAION

GANNON UNIVERSITY   2022 – May 2026 Erie, PA

Bachelor of Science in Computer Engineering

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

Technical: Microsoft Office Suite, Google Office Suite, Canva, Google Cloud