Neoma Reza

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EDUCATION

The University of Alabama – Tuscaloosa, AL   Fall 2022 – Expected Spring 2026
Bachelor of Science in Computer Science, with a **minor in Computing Technology and Applications**
- **Honors:** Thomas N Francis Endow Sch., Mara A. Mceniry Endow Sch., J Hubert Scruggs JR Sch., Edwin F Averyt Sch., Dr H Grady Jones Sch., Tutwiler Opportunity Sch., President's List Fall 2022, Dean's List Spring 2023
- **Relevant Coursework:** Operating System, Database Management System, Data Structures and Algorithms, Software Design and Engineering, Microcomputers, Engineering Statistics, Web Foundations and Website Design, Digital Logic

East Limestone High School – Athens, AL   2022
- **Honors:** Outstanding Grade Point Average Cord

EXPERIENCE

The University of Alabama – Tuscaloosa, AL   Mar 2023 - Present
Resource Acquisition and Discovery Assistant (Student Government)
- Streamlining document cataloging by efficiently processing 50+ records weekly using Excel, CZUR, Voyager Catalog, and OCLC Connexion software, along with SQL databases, ensuring accurate cataloging and efficient data retrieval.
- Enhancing digital archival processes, automated data processing scripts, and reducing manual entry time by 35%.
- Collaborating with 5-7 student workers and 4-6 supervisors to streamline workflows by identifying bottlenecks and implementing improvements, resulting in a 25-30% increase in efficiency while fostering effective communication.

Society of Women Engineering – Tuscaloosa, AL   Oct 2022 – Jan 2023
Information Technology Support Specialist
- Provided personalized technical support to 4-5 retirees weekly, resolving software updates, connectivity issues, and complex device troubleshooting for laptops, tablets, and smartphones, ultimately enhancing overall digital literacy.
- Collaborated with engineering society members to proactively diagnose and address recurring technology challenges.

West Alabama Food Bank Inc. – Tuscaloosa, AL   Oct 2022 – Dec 2022
Team Assistant
- Coordinated the organized distribution for CSFP to improve the health of low–income elderly (60+) with 20 coworkers.
- Assisted in supplementing food packages with USDA nutrition-focused products, ensuring improved quality support.

PT. Metropolitan Land Tbk. – Jakarta, Indonesia   Jan 2020 – Mar 2020
Structural Engineer Intern
- Gained hands-on experience in mockup design, room modeling, and construction management for the Pondok Indah Mall project, actively contributing to developing key design elements and comprehensive construction planning.
- Collaborated closely with four supervisors on high-value real estate projects, assisting in selecting materials.
- Explored and implemented innovative construction techniques to enhance project quality, ensuring optimal results.

PT. Hero Supermarket Tbk. – Tangerang, Indonesia   Oct 2019 – Dec 2019
Web Development Intern
- Developed an innovative online application for a retail store during Christmas using HTML, CSS, and SQL, focusing on advanced features to track consumer purchasing data for enhanced analytics and strategic decision-making insights.
- Implemented inventory tracking features to monitor product inflow and outflow, ensuring efficient operations.
- Collaborated with cross-functional teams to refine application functionality and optimize real-time data accuracy.

TECHNICAL PROJECTS

- **Personal Website:** Created and developed a responsive, interactive website using HTML, CSS, and modern design principles to showcase a curated list of places visited, enhancing user navigation, visual appeal, and user experience.
- **JavaScript and Databases Healthcare Project:** Engineered and implemented a full-stack JavaScript-based project with five other team members, integrating robust database management focused on streamlining healthcare services.
- **Microcontroller Applications:** Designed and programmed microcontroller applications using C and Assembly languages, implementing logic designs, real-time embedded systems, and interfacing with hardware components.

SKILLS, INTERESTS & ACTIVITIES

Programming: C, C++, Python, JavaScript, SQL, Assembly
Web Development: HTML, CSS, JavaScript, SQL, Database Management
Software & Tools: Excel, CZUR, Voyager Catalog, OCLC Connexion, VS Code, MATLAB, MPLAB, Git, Microsoft Office
Languages: English, Indonesian
Activities: Phi Sigma Theta, Alpha Lambda Delta, Society of Women Engineering, Asian American Student Association