Noura Al

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EDUCATION
Wayne State University | Bachelor of Science in Computer Science Engineering - GPA 3.6   December 2023
Henry Ford College | Associates of Arts in Liberal Arts   August 2021

TECHNICAL SKILLS
Advanced proficiency in all Microsoft applications including Excel, Teams, Outlook, PowerBI, SQL, Confluence, SCRUM, agile management, risk management, auditing, planning, design, sales, organization, GitHub, Figma, JavaScript, Tailwind CSS, C++, C, Salesforce, Python, Java, Android Studio, JavaScript, VBA, Linux, Adobe Photoshop, Lightroom, Auto CAD and Solid Works

ENGINEERING PROJECTS
Giftly
Wayne State University | Detroit, MI   January 2023 – May 2023

An android application developed using Java, Firebase and Android Studio that allows users to anonymously coordinate gift-giving for multiple types of occasions. The platform enables users to create events and store relevant user information in a secure database, while generating unique event IDs that allow users to seamlessly join and participate. Functionalities include creating an account, creating an event, inviting users to an event via an invite code, joining/leaving an event, setting an event location, layout/theme customizations, uploading a profile picture and communicating with Firebase. Demonstrated experience in designing user-friendly and visually appealing interfaces for the Android application. This includes creating prototypes, and interactive designs using tools Uizard and Figma. Maintained a well-documented product backlog throughout the development process and participated in code reviews.

BreathRide
Hack Dearborn at University of Michigan | Dearborn, MI   March 2023

BreathRide is a breathalyzer system that measures blood alcohol content using an Arduino microcontroller programmed in C++ and a breath sensor. The data is sent via serial communication to a Python script which is stored Firebase. An Android app created in Java retrieves the data from Firebase provides feedback on whether it's safe to drive. If the user's BAC is too high, the app prompts the user to call an Uber or alert their emergency contact. BreathRide showcases skills in C++, Python, Firebase, and Android app development while addressing the issue of drunk driving. Developed within a 24-hour hackathon.

Smart Mailbox
Wayne State University | Detroit, MI   June 2022 – August 2022

Arduino project in effort to provide a solution to individuals who would like to be notified of their package arrival. Worked with engineering students to finalize the project. Created a report with problem statement, solution, justifications, design specifications, bill of materials, sketches and construction and testing procedures. Produced a final prototype with working functionalities that fulfills solutions and justifications. Gathered and analyzed user requirements, translating them into functional specifications.

WORK EXPERIENCE

Software Engineer Intern

Allstate | Chicago (Remote), MI   May 2023 – August 2023

- Participated in daily standup meetings for software engineering projects.
- Proactive in staying updated with industry trends and advancements.
- Dedicated to delivering high-quality software solutions.
- Strong problem-solving skills and attention to detail.
- Collaborative team player with effective communication abilities.

Key Accomplishments:

- Made significant contributions to front-end and back-end development processes utilizing a variety of programming languages, frameworks, and technologies.
- Ensured high-quality software solutions by performing comprehensive tests.
- Resolved software issues through effective troubleshooting and bug fixing.
- Facilitated seamless collaboration among cross-functional teams to drive project success.

Project Manager (PMO) Intern

Soar Technology | Ann Arbor, MI   October 2022 – April 2023

- Designed and developed a Power BI dashboard to present key performance metrics and project data for the Project Management Office (PMO) department.
- Collaborated cross-functionally with project managers, engineers, department representatives, and subject matter experts to facilitate the transfer of data to ensure smooth operation and efficient workflow.
- Developed and maintained a webpage to enhance communication and provide resources for PMO team members.
- Assisted with the hiring of a program manager, ensuring that the candidate met the company's requirements and expectations.

Key Accomplishments:

- Skilled in data analysis, visualization, and dashboard development using Power BI.
- Detail-oriented with a focus on efficient workflow and operational efficiency.
- Proactively developed and implemented career growth opportunities.
- Proficient in Salesforce CRM for data management and process optimization.

Software/Test Engineer Intern

MAHLE | Troy, MI   June 2022 – October 2022

- Verify calibrated gauges conform to ISO 17025 and has demonstrated accreditation certification and scope.
- Work closely with Engineers to process data, present results in reports and pivot tables.
- Developed automated tasks in Excel using Visual Basic to promote efficiency for the testing and prototype department.
- Created a chemical management inventory system for IATF 16949 compliance; worked collaboratively to write a procedure to document the roles and responsibilities for proper management moving forward.
- Carried out annual internal calibration record audit for IATF 16949 compliance.

Sales Manager

European Wax Center| Canton, MI   May 2021 – September 2022

- Demonstrated strong leadership skills by consistently achieving Employee of the Month and recognized as the top sales performer every month since hire.
- Managed a group of 10 sales associates, providing individual coaching, training, and leadership.
- Conducted regular performance evaluations and provided feedback to team members to foster professional growth.