

AREEBA HAROON

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Recent Computer Science graduate with hands-on experience in software development, web applications, and database systems through internships and professional roles. Skilled in Python, Java, SQL, and web technologies, with experience delivering real-world solutions in collaborative, Agile environments.

EDUCATION

Bachelor of Science in Computer Science

May 2025

Lewis University | Romeoville, IL

NSLS Member

College of DuPage | Glen Ellyn, IL (Associates in applied science, software development)

STEM Scholarship, Vistex Scholarship, Honors Graduate

Relevant coursework:

Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, Database Applications, Systems Analysis, and Discrete Mathematics.

CERTIFICATION

- Python Language Proficiency (College of DuPage)

August 2023

- Java Language Proficiency (College of DuPage)

May 2023

- Microsoft Office Specialist: Access Expert (Microsoft)

December 2022

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, SQL

Web: HTML, CSS, PHP, WordPress, Square

Databases: IBM DB2, SQLite, SharePoint Lists

Tools: Git, GitHub, VS Code, Jira, Salesforce, Power Apps, Power Automate, Excel

Concepts: Agile, Data Analysis, Testing, Debugging

EXPERIENCE

Jr. Developer (Design and Development dept.)

February 2024 – Present

Christian Brother Services | Romeoville, IL

- Designed and developed a Microsoft Power App prototype using SharePoint Lists and Power Automate to automate employee nomination submissions and email notifications to HR and nominees.
- Led end-to-end development of a monthly incident reporting system, designing a 7-table relational database and building Python scripts to automate data transfer into Excel templates, streamlining report generation using Python, SQL, Git, HCL Notes, and Excel macros.
- Collaborated on upgrading 60+ websites by updating PHP versions and migrating them to a new server, improving server efficiency by 20%, while creating test plan templates and configuring test environments on a Linux server.
- Developed and executed a test plan for a Salesforce-integrated database project, writing and deploying SQL validation scripts and conducting user testing to ensure a smooth migration from HCL Notes CRM.
- Created professional PowerPoint presentations and advanced Excel reports to support internal projects, documentation, and stakeholder communication.

Web Developer

October 2023 – February 2025

Lewis University (Criminal Justice Department) | Romeoville, IL

- Led the redesign of the How2Inform media literacy website, collaborating with a project coordinator and faculty to modernize the site's structure and presentation.
- Redesigned the outdated 2020 website into a modern, user-friendly interface by applying contemporary web design and UI/UX best practices.
- Provided strategic UI/UX consultation, recommending feature enhancements and design improvements to align functionality with project goals.

- Conducted biweekly stakeholder meetings to gather feedback, refine designs, optimize site performance, and customize themes and plugins, resulting in an improved user experience. Website: <https://h2i.info>

Software Research Intern

November 2023 – February 2024

Lewis University (Security Science Lab) | Romeoville, IL

- Designed and developed a professional WordPress website for the Lewis University Security Science Lab, collaborating with a faculty advisor to gather requirements and manage the project end to end.
- Evaluated hosting options and implemented advanced WordPress themes, plugins, and JavaScript to enhance site functionality and meet project objectives. Website: <https://sslabs.page>
- Collaborated on a chatbot integration project, designing and implementing front-end wireframes and user interfaces.
- Authored weekly project reports and participated in regular meetings to track milestones, address challenges, and communicate progress.

Software Engineer Intern

April 2023 – July 2023

Armarius Software | Warrenville, IL

- Collaborated with senior developers on web applications using ASP.NET Core (C#) in Visual Studio to deliver client-specific features and requirements.
- Developed and enhanced multiple client WordPress websites using PHP, HTML, CSS, and plugins, ensuring functionality aligned with client needs.
- Coordinated and tracked project workflows using Jira, creating and managing tickets to support effective project monitoring and timely delivery.

PROJECTS

My portfolio website

Link: <https://areebaharoon.com>

- Designed and developed a custom portfolio website using an HTML5Up template, modifying approximately 70% of the design to meet personal requirements.
- Implemented custom animations and visual effects (including a glow-in-the-dark feature), and configured themes, fonts, and color schemes for a cohesive user experience.
- Delivered a functional, personalized portfolio site to showcase projects and technical skills.

Lead Tester

Day2day Wellness | Palos Heights, IL

August 2024 – December 2024

- Led the Day2day Wellness App testing team, managing 5 user testers and overseeing the end-to-end testing process.
- Wrote and executed test cases, generated test reports, and collaborated with developers to identify issues and ensure a user-friendly application.

Henna By Areeba – Business Website

Link: <https://hennabyareeba.square.site/>

- Designed and launched a professional business website to increase customer reach and streamline the online booking process.
- Led the project end to end, defining site structure, branding, SEO metadata, content strategy, and booking flow using Square Online.
- Delivered a user-friendly, conversion-focused website with clear service communication and improved customer experience.