

Alexandru Muresan

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EDUCATION

Messiah University

Mechanicsburg, PA

Bachelor of Science(B.S.) in Computer Science

August 2021-May 2024

- Software Development Concentration
- Honor's Program participant and Leadership Council Board member
- Current cumulative GPA of 3.95
- Dean's List, Fall 2021 - Spring 2023

Universidad de Granada

Granada, Spain

January 2023-May 2023

- Completed Spanish Linguistics and Communication Minor
- Studied abroad for 5 months living with host family learning about Spanish culture, while taking 18 credits of immersive Spanish courses covering grammar, linguistics, and communication skills.
- Went on trips around Spain with study abroad program, visiting different cities and touring historical sites to learn about the history and culture.

SKILLS & RELEVANT COURSEWORK

- **Technologies:** JavaScript, Python, React, Firebase, HTML/CSS, Java, PHP, Git, SQL
- **Languages:** English (Native), Spanish (Proficient)
- **Relevant Coursework:** Computer Programming I & II, Database Concepts, Information Systems and Managers, Web Development: Client-Side & Server-Side, Data Structures and Algorithms, Discrete Mathematics, Software Engineering, System Analysis and Design Concepts, NIX Systems, Application Development I

WORK EXPERIENCE

Software Development Intern

Katapult Engineering, Dillsburg, PA

(June 2023 – Present)

- Enhancing user experience by identifying and resolving software bugs, ensuring seamless functionality and improved product quality.
- Responding to clients' unique requirements by designing and implementing custom software features, demonstrating adaptability and innovation to meet diverse business needs.
- Providing robust support to both codebase and clients, adeptly troubleshooting and optimizing code while delivering exceptional customer service to ensure client satisfaction and project success.

Software Development Intern

EDU-Plus International, Harrisburg, PA

(November 2022 – May 2023)

- Worked hybrid/remote to build and facilitate teams, coordinating bi-weekly meetings between international groups.
- Built proprietary workflow automation software for company branch using React, Python, Django, and MySQL.
- Collaborated with USA team developing new software features and coordinating synchronous development with Kenya team. Participate in stand-up meetings to report development and planning meetings for future developments.

ACADEMIC PROJECTS

Prayer Circle

(August 2023-Present)

- Designing a visually appealing and user-friendly faith-based social media app Figma.
- Constructing a full stack mobile application using React Native and Nativewind, implementing a unique and intuitive feature set.
- Utilizing Google Firebase suite to integrate a real-time document-structure database for optimal data fetching, while ensuring user data privacy.
- Leveraging Expo to efficiently build and deploy mobile application on both iOS App Store and Google Play Store.

Atelier DellCastle

(July 2023 – August 2023)

- Developed a visually captivating professional portfolio website for a woodworking artist using HTML, TailwindCSS, and JavaScript.
- Integrated Firebase as the backend, enabling seamless data storage, retrieval, and authentication functionalities for the website.
- Designed and coded a user-friendly interface to showcase the artist's work, highlighting their skills and achievements effectively.