

Widad Shamy

Mazboud, Lebanon

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Description: M2 Information System Engineering graduate with a strong passion for web development and a solid foundation in creating dynamic, interactive web applications. Skilled in HTML, CSS, JavaScript, jQuery, JSON, and AJAX, with a keen focus on PHP MVC frameworks like Laravel and CSS frameworks such as Bootstrap. Driven by curiosity and dedication to learning, I stay on top of industry trends and am excited to craft user-focused, innovative web solutions.

WORK EXPERIENCE

The Little Engineer

Robotics and Python Coach

Sodeco Square, Lebanon

Jun 2022 - Oct 2022

- Conducting Python coding sessions tailored to different age groups, introducing fundamental programming concepts and guiding students through hands-on activities.
- Teaching students how to build and program robots using Python and integrating them with WEDO technology for enhanced functionality and interactivity.
- Exploring solar-powered objects and their applications, educating students on renewable energy concepts and how to harness solar energy for practical projects.
- Facilitating workshops on creating video games using Scratch, a beginner-friendly visual programming language, allowing students to unleash their creativity and develop problem-solving skills through game design.
- Organizing coding challenges and competitions to encourage friendly competition and motivate students to further develop their coding abilities.
- Incorporating principles of robotics engineering and computational thinking into lesson plans, fostering a holistic understanding of STEM concepts and their real-world applications.

Bluemint

Python Internship

Chhime, Lebanon

Jul 2022 - Jul 2022

- Introduction to Python covers basics such as syntax, variables, data types, and basic operations.
- Exploring Lists and Sequences involves creating, manipulating, and iterating through these data structures in Python.
- Utilizing the Python Standard Library means leveraging built-in modules and functions for common tasks and problem-solving.
- Text Search with Regular Expressions teaches how to efficiently search, match, and manipulate text data using regular expressions in Python.
- Core Scripting Elements encompass variables, data types, conditionals, loops, functions, and error handling in Python.

Nolimits

Full Stack Developer Internship

Beirut, Lebanon

March 2021 - Jul 2021

- Developed a web application using the Laravel framework, focusing on implementing models within an MVC architecture to handle business logic effectively.
- Collaborated with interdisciplinary teams to design, develop, and deploy dynamic web solutions, ensuring alignment with project requirements and objectives.
- Utilized Laravel controllers to facilitate CRUD (Create, Read, Update, and Delete) operations within the application, enhancing data management capabilities.
- Interfaced with SQL databases to store and retrieve information, ensuring seamless integration of backend functionalities.
- Employed JavaScript and jQuery to validate user inputs and enhance user interface interactions, while also integrating Bootstrap modals to provide mandatory notes for crucial actions such as deletion, addition, or updates.

EDUCATION

Lebanese University – Faculty of Technology

M2 in Information Systems Engineering

Saida, Lebanon

Oct 2023 – Oct 2024

Lebanese University – Faculty of Technology

Bachelor of Business Computer

Saida, Lebanon

Sept 2019 – Aug 2022

High Modern School

Life Science Lebanese Baccalaureate

Ketermaya, Lebanon

Sep 2018 – Jun 2019

Projects

Food Waste Management and Donations Application

Coder and Designer

May 2022, July 2022

- Designed and implemented an Android app for managing surplus food, facilitating its redistribution to those in need via NGO collaboration.
- Developed two app sides: Donor and NGO, streamlining food donation and distribution processes.
- Designed Donor Side interface for establishments to register surplus food details, schedule pickups, and specify quantities and conditions.
- Implemented NGO Side features, allowing registered NGOs to view donations, request pickups, and track distribution for efficient allocation.
- Collaborated with team to integrate functionalities seamlessly, ensuring user-friendly experience and project timeline adherence.

TECHNICAL SKILLS

- **MS OFFICE** (Word, Excel, Access, PowerPoint).
- **Software:** Visual Studio, Papyrus, Android Studio, Cisco Packet Tracer, Eclipse.
- **Mobile Application Development:** Java (Android Studio).
- **Programming:** HTML, PHP, AJAX, JQuery, JavaScript, ASP.NET, Java, Python, C++, C#.
- **Database:** MySQL, Microsoft SQL SERVER, ORACLE.
- **Frameworks:** Bootstrap, MVC (Laravel, ASP.NET).

KEY SKILLS

- Adaptable to changing environments, technologies, and project requirements for continued effectiveness.
- Proficient in conducting thorough research across various sources for valuable insights and recommendations.
- Strong analytical skills with meticulous attention to detail for precise evaluation and actionable conclusions.
- Collaborative team player fostering positive relationships and driving collective success through active participation and idea exchange.

LANGUAGES

- English (Fluent)
- Arabic (Native)
- French (Good)