Dana Dabdoub

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Professional Summary

Dedicated computer scientist with a passion for software development, looking for an opportunity to apply my technical talents and contribute to creative initiatives. I am excited to broaden my knowledge and work with talented teams to create exceptional web or mobile applications.

Education

RAFIC HARIRI UNIVERSITY (RHU)   Meshref, Lebanon
Bachelor of Science in Computer Science. CGPA 94.34   Fall 2022 – Summer 2025
Minor in Business Administration.
Placed on the President's Honors list (Fall 2022 – Spring 2025).

Work Experience

Computer Science Intern at AUB Vision & Robotics Lab   May 2025 – September 2025
- Developed a filter to smooth the pose of 3D objects within DSP-SLAM (C++/Python/Ubuntu).
- Worked on a thread pool to asynchronously do the reconstruction of 3D objects (C++/Ubuntu).
- Assisted with Git and GitHub-related issues.

Teaching Assistant at RHU   September 2024 – April 2025
- Assisted in teaching React JS, Web Programming, and Advanced Web Programming courses to students.
- Mentored 9 teams on their React JS, Web, and Advanced Web Programming projects.
- Delivered and assisted with over 10 lab sessions in the React JS course.

Projects

ASDetector | Skills used: React Native, Flask, TensorFlow, Firebase, JavaScript, TypeScript | Link
- Developed a cross-platform mobile app for parents of children with autism, featuring chat, a game, a feed, and a gaze-tracking/machine learning-based preliminary autism diagnosis function.

Curl Website | Skills used: HTML, CSS, JavaScript, JQuery, JSON | Link
- Developed a mock website in collaboration with graphic design students for the coffee and book shop, Curl.

DAFSA Management App | Skills used: HTML, CSS, JavaScript | Link
- Developed a web app designed to enable users to create a Deterministic Acyclic Finite State Automaton (DAFSA) and customize its display.

UniFlow Project | Skills used: React JS, Firebase | Link
- Developed a web app with 2 teammates, where university students can collaborate and organize projects together as well as manage their tasks and schedules.

Malaz Web Design Project | Skills used: HTML, CSS, JavaScript, JQuery, JSON | Link
- Developed a responsive website for a restaurant as a part of a project for my web programming course.

Leadership & Activities

ASSOCIATION FOR COMPUTING MACHINARY (ACM)   Meshref, Lebanon
Board Member   August 2023 – August 2025
- Led and planned React JS, React Native, Git, GitHub, and WordPress workshops.
- Organized and prepared participation certificates for over 100 workshop attendees.

RHU FEMINIST CLUB   Meshref, Lebanon
Club Member   September 2022 – September 2023
- Assisted in organizing over 7 fundraisers and events related to many causes, such as breast cancer awareness.

Skills

- **Technical Skills:** HTML, CSS, JavaScript, JQuery, JSON, React JS, React Native, Firebase, PHP, Laravel, C++, C#, SQL, Bootstrap, AJAX, Git, GitHub, WordPress, TensorFlow, Linux, Django, Flask, and Python.
- **Soft Skills:** Communication, Teamwork, Leadership, Critical thinking, and Problem solving.
- **Languages:** English (Fluent), Arabic (Fluent), German (Intermediate), and Spanish (Basic).

Reference

Available upon request