

# 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).

### 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 MACHINERY (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, TypeScript, JQuery, JSON, React JS, React Native, Firebase, PHP, C++, SQL, Bootstrap, AJAX, Git, GitHub, WordPress, TensorFlow, Ubuntu, MongoDB, Express.js, Node.js, 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