

Christopher Gharghour

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Education

University of California, Los Angeles

Graduation Date: June 2023

Bachelor of Science in Computer Science & Engineering

GPA: 3.82

- Relevant Courses: Intro to CS I & II | Software Construction | Intro to Computer Organization

Technical Skills

Computer Languages/programs

- Proficient: C | C++ | Python | React Native | GCC | GDB | Emacs | Shell Scripting | JavaScript

Foreign Languages

- Proficient: English | French | Arabic

Project Experience

Green Agenda: A Nature-Inspired To-Do List

January - March 2023

Frontend Developer for checklist website with nature theme designed to help people keep track of tasks and increase productivity

- Wrote JavaScript code that allows users to grow a tree after completing a specific number of tasks using React Native features such as components, props and states
- Co-wrote functions to connect backend to frontend through the login page to access user data and ensure tree only grows when the minimum number of tasks is completed
- Wrote CSS code for tree feature while ensuring it fits smoothly with the rest of the web page

Work Experience

Lebanese Center for Energy Conservation (LCEC)

July-August 2019

Renewable Energy & Energy Efficiency Intern

Beirut, Lebanon

- Evaluated the efficiency of energy systems through data collection and analysis
- Performed simulations and calculations to optimize decentralized PV system designs using various programs (Google Sketchup, AutoCAD, Helioscope, Microsoft Excel, etc.)
- Brainstormed ideas to improve financing mechanisms for green projects in Lebanon

Leadership & Involvement

Engineers without Borders UCLA (EWB)

External Vice-President

May 2023 - June 2024

- Set up and maintained website and other media platform
- Conducted outreach for the club and linked faculty members to club members
- Planned networking events such as professional nights and career fairs

Assistant Travel Director for schoolhouse building project in Nicaragua

September 2022 - June 2023

- Completed necessary reports and paperwork (such as pre and post-trip documents) for team trips
- Contacted EWB office in Nicaragua regularly to ensure smooth running of operations

Honors

- Dean's Honors List

Fall 2021 & Winter 2023