LuiJi Daou

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EDUCATION

Lebanese American University   Byblos, Lebanon
Bachelor of Science in Computer Science   *Aug. 2023 – May 2026*
Major GPA: 3.96/4.0 Honors Program - Dean's list

EXPERIENCE

Research Assistant in The Field of AutoML   Nov. 2024 – Present
Lebanese American University   *Byblos, Lebanon*
- Assisting in research in the field of Automated Machine Learning (AutoML)
- Learning about the fundamental machine learning techniques
- Gaining experience working in a research environment

Web Development   Nov. 2022 – Present
Freelance
- Developed a professional WordPress website for a client, showcasing their work and enhancing their online presence
- Customized themes and plugins to align with client requirements and ensure a user-friendly interface
- Optimized the website for responsiveness and SEO to improve accessibility and visibility

PROJECTS

Shooter Game In Assembly | *MIPS Assembly*   Jan. 2024 – Mar. 2024
- Designed and developed a two-player Shooter game using MIPS Assembly
- Implemented combo-based attack and defense mechanics with real-time player health tracking
- Collaborated with a team to integrate visual outputs and interactive gameplay
- Demonstrated proficiency in low-level programming, game logic design, and debugging

Minesweeper Web Game | *JavaScript, JSON, HTML, CSS*   Nov. 2024 – Nov. 2024
- Developed a fully functional Minesweeper game with customizable difficulty levels and interactive gameplay
- Implemented a leaderboard using local storage to track and display top scores across difficulties
- Designed a responsive user interface for seamless experience across different devices
- Showcased skills in front-end development, game logic programming, and data persistence techniques

COMPETITIONS

World Robot Olympiad   July. 2018
Algocode   *Lebanon*
- Placed in the top 10 Lebanon in the "Food Matters" – "Precision Farming" competition
- Collaborated with a team to design and program an EV3 robot to plant trees based on soil quality
- Gained hands-on experience in robotics, problem solving

COURSES AND WORKSHOPS

Lebanese American University   Byblos, Lebanon
- Data Structures & Algorithms, Web Development, Database Management Systems, Operating Systems   Fall 2024
- Software Engineering, Computer Networks, Computer Security, Artificial Intelligence   Spring 2025

Kaggle   Online
- Intro to Machine Learning, Pandas   Summer 2024

TECHNICAL SKILLS

Programming Languages: Java, Python, C, C#, Postgres SQL, JavaScript, HTML, CSS, MIPS Assembly, MarkDown
Developer Tools: VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, VirtualBox, Linux, Jupyter Notebook
Libraries: Pandas, NumPy, PyTorch, React.JS
General skills: Object-oriented programming, good design patterns, software engineering best practices, Learning Agile

OTHER SKILLS

Natural Languages: English, French, Arabic
Soft skills: critical thinking, adaptability, analytical thinking, innovative thinking