Samir Al Sawass
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OBJECTIVE / PROFILE

I am a senior Computer Science student and USAID scholar seeking an internship or entry-level role in software engineering, AI Engineering, or web development. With strong technical skills and a passion for learning, I aim to contribute to innovative projects and support team success while expanding my expertise.

EDUCATION

American University of Beirut - Beirut, Lebanon   **Graduating, December 2025**

- **Bachelor's degree in Computer Science**

- **Relevant Courses: Software Engineer, Cloud Computing, Machine Learning, Web Development/Design, Algorithms Design & Analysis, Database Management Systems Design and Software construction.**

PROJECTS ACCOMPLISHED

Lost and Found AUB Website AWS Cloud Services based -1/25 to Present
Developing the website using AWS cloud services(EC2, Lambda,…)   Still not done

Brain Tumor Detection Machine Learning Model -1/25 to Present
Developing(finetuning) a machine learning model using Neural Networks, InceptionV3, logistic regression and YOLO to detect Brain Tumor after receiving a CT scan.

Social Media Website("FOOTYGRAM)- 09/24 to 12/24
Developing the site using NodeJS(backend), ReactJS(frontend) and real-time chatting, content updates (Socket.io).

AUB Clubs Website ("AUBCLUBLY") – 09/24 to 12/24
Developing the site using SpringBoot for the backend (MongoDB) and ReactJS for the frontend.

Constructing a Maze Game – 01/24 to 04/24
Developed a maze game using C/C++ and algorithms (Prim's, Dijkstra's, A*), with graphics implemented via SFML.

Pharmacy Database Website – 01/24 to 04/24
Built a database website using SQL, Flask, and front-end technologies (HTML, CSS, JS).

EXPERIENCE / PROFESSIONAL DEVELOPMENT / EXTRA-CURRICULAR ACTIVITIES

Campus Yearbook 2025 Executive Editor   **02/25 –present**
- Ensuring quality control, project management and content review.

UNICEF Youth Advisory Group   **02/24 – 01/25**
- Representing Lebanese youth in Beirut and Mount Lebanon and advising on educational initiatives.

Tutoring   **02/24 – 01/25**
- Tutoring Java and Discrete Mathematics for sophomore students, 3 hours biweekly.

Computer Science Student Society, Beirut, Lebanon   **06/24 - Present**
   Communications and Public Relations Officer / Associate Events Manager

Toters Delivery – Customer Experience Specialist / Order Management – Beirut, Lebanon   **05/24 - 08/24**
• Managed customer inquiries, collaborated with logistics for timely order fulfillment, and suggested improvements to enhance user experience.

AIESEC in Lebanon – Member at EwA (Engage with AIESEC) / Global Exchange – Beirut, Lebanon   **02/23 - 12/23**
• Developed youth engagement programs, organized the Food Heroes International course, and hosted international volunteers.

Youth Leadership Program 9 UNDP   **09/23 - 02/24**
- **C**ompleted a social entrepreneurship project, earning the title "Champions of Community & Impact."

Erasmus+ Social Entrepreneurship for Youth Employability Training – Sivas, Turkey   **07/23 - 07/23**
• Explored social entrepreneurship and sustainable development, earning a Youthpass.

SKILLS

- **Languages: Native in Arabic, Fluent in English and beginner in French.**

- **Technical Skills: Microsoft, SQL, Database Management, JAVA, C/C++, Python, JavaScript, HTML, CSS, Flask, .NET, Express.JS, SpringBoot, ReactJS, NodeJS, GitHub, MongoDB, NOSQL, Socket.IO, AWS, SML, Machine Learning Finetuning, full computer hardware knowledge.**

- **Soft Skills: Strong Leadership skills, communication, team building, public speaking.**

- **Passionate about: Youth empowerment, career guidance, volunteering and volleyball.**