Saja Abu Hussein

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Professional Profile:

A dynamic and bilingual (Arabic, English) Computer science graduate with hands-on experience in mobile app development, front-end and back-end programming and user-centered design. I have a Bachelor's degree in computer science from the Beirut Arab University and have strong foundation in Artificial Intelligence and Cyber security, especially bug bounty and web security.

Core Skills:

- **Languages:** Java, Python, C/C++, C#, HTML, CSS, JavaScript, PHP.
- **Tools & Frameworks:** Android Studio, Jetpack Compose, Visual Studio Code, Figma, Git.
- **Technologies:** Google Colab (ML), MySQL, Shell Scripting, Virtual Machines.
- **Concepts:** Data Structures & Algorithms, Agile, UI/UX Design, Operating Systems, Network Security, Testing & Debugging.
- **Soft skills**: Communication, Creativity, Teamwork, Leadership, Public Speaking, Strategic Thinking.

Professional Experience:

Administrator Officer – Innovation Lab | United Nations Relief & Work Agency for Palestine Refugees in the Near East (UNRWA) | Lebanon.   **October 2025 – December 2025**

- Handled administrative operations and managed applicants' data using Excel and other digital tools.
- Organized, reviewed and shortlist applications based on candidates' majors, skills, experience and supported the selection of suitable applicants for various areas within the Cash for work program.

UI/UX Designer | Intelligile Company, Lebanon.   **May 2024 – July 2024**

- Applied UI/UX design for web and mobile applications using Figma and created intuitive and visually appealing interfaces.
- Developed skills in collaborating with cross-functional teams to ensure seamless user experiences and incorporating feedback for design improvements.
- Acquired hands-on knowledge in testing and debugging to enhance application performance and usability.

Projects:

- **Chatbot Development:** Built an Instagram chatbot using **Chatfuel** to automate FAQs, streamline user interactions, and improve customer engagement through personalized conversation flows.
- **Hand Gesture Detection Model**: Built a machine learning model for real-time gesture recognition with potential applications in sign language translation and smart home control.
- **Brain Tumor Detector:** Developed a CNN-based model to detect brain tumors from MRI scans with high accuracy.
- **Emotion Detector**: Created an AI tool to detect facial emotions using deep learning and computer vision.
- **Blood Donation App**: Designed a mobile app to connect donors and recipients, with location tracking and emergency alerts.
- **Hospital Management System**: Built a platform for appointment booking, billing, and record management to streamline hospital operations.

- **Bank Management System**: Designed a secure banking system for managing customer records and transactions.
- **Educational Platform**: Developed an e-learning platform with gamified challenges, live classes, test prep, and teacher monetization tools.
- **Korean Café Website**: Built a fully responsive and interactive website reflecting Korean culture, with menu browsing, reservations, and events.
- **Coffee Shop Website**: Designed a user-friendly site featuring online orders, daily specials, and integrated payment options.

Workshops/ Volunteer Activities:

- **Attended Webinar on "Inside the Mind of Ethical Hackers" – Semicolon Security | Oct 2025.**
  Gained insights into real-world cyber security research, ethical hacking methodologies, and vulnerability disclosure processes. It also offered a practical roadmap for starting a career in cyber security and introduced Lebanon's biggest National CTF in collaboration with GDG and HackerOne.
- **AVEO Studios Visit | May 2025.**
  Visited a leading digital design firm specializing in 3Ds Max, VR technology, and urban design.
- **Medical Volunteer | Palestinian Red Crescent | Sep 2019 – Sep 2020.**
  Assisted in measuring blood pressure and blood sugar levels for people in the camp & contributed to public health awareness and early detection of medical conditions.
- **World Health Day-UNRWA School.**
  Participated in a community health awareness event at a UNRWA school, assisting in organizing activities and promoting health education among students.

Education:

- Bachelors in Computer Science
  Beirut Arab University, Lebanon.
  Graduated May 2025.

Certifications:

- Create a Lead Generation Messenger Chatbot using Chatfuel – Coursera | Aug 2025.
- Introduction to Generative AI Badge – Google Cloud | Aug 2025.
- AI for Business Professionals – HP LIFE | Aug 2025.
- Basics of Artificial Intelligence – UniAthena | July 2025.
- UI/UX Design – Great Learning | July 2025.
- Artificial Intelligence: Preparing for the Future of Work – Alison | June 2025.
- IC3 Digital Literacy Certificate – Certiport | Dec 2024.
- **AI Boot camp Graduate** – Innovation Lab | DOT, Lebanon | Nov 2025 – Dec 25.
  Gained hands-on experience in **computer vision**, **data labeling**, and **model training** and knowledge in **image annotation** (human-level labeling of objects and target characteristics to train accurate CV models), **Roboflow** (dataset management & augmentation), **CVAT** (annotation pipelines), **Chatling** (AI chatbots), and **AI automation using Make** (eu1.make.com) and **n8n**.