

Razan Ghrayeb

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EDUCATION

Lebanese American University, Beirut, Lebanon
B.Sc. in Computer Science

Expected Graduation: June 2026

INTERNSHIP EXPERIENCE

BrainKets, On-Site

Jul 2025 – Aug 2025

Frontend Developer Intern

- Built scalable frontend systems with Next.js, React.js, and Tailwind CSS using SSR, SSG, and CSR.
- Improved performance and modularity through reusable components and best coding practices.
- Integrated RESTful APIs in collaboration with backend developers for dynamic data features.

Galactech, Online, Lebanon

Feb 2025 – Apr 2025

Frontend Developer Intern

- Developed and optimized responsive UI components using React.js and Tailwind CSS, improving user experience and load times.

TECHNICAL SKILLS

- Languages: C, C++, Python, Java, PHP, TypeScript
- Web: HTML, CSS, JavaScript, Next.js, React, Tailwind CSS, Django
- Libraries/Frameworks: TensorFlow, NumPy, Pandas, Matplotlib, Scikit-learn

PROJECTS

- **AI HR Assistant** – Built an AI-powered HR assistant with tool-calling capabilities to answer employee queries, retrieve employee details, check leave balances, and generate interview questions.
- **RAG-Powered Assistant** – Developed a RAG-powered assistant that enables PDF/text search by embedding, storing, retrieving, and generating context-aware answers from documents.
- **Credit Card Fraud Detection** – Implemented anomaly detection using Isolation Forest and One-Class SVM. Evaluated performance using precision, recall, and F1-score to ensure high detection accuracy.
- **Titanic Survival Prediction** – Applied multiple machine learning models (Logistic Regression, Random Forest, XGBoost) with feature engineering and preprocessing on Kaggle's Titanic dataset.
- **Chest X-Ray Disease Detection** – Built CNN and transfer learning models (VGG16, ResNet, MobileNet) for pneumonia classification. Included image preprocessing, augmentation, and evaluation.
- **Bookstore** – Developed a full-stack e-commerce bookstore with browsing, cart, wishlist, and session management using PHP, MySQL, and AJAX.
- **Basketball Club Management System** – Created a Python/Django platform for member registration, scheduling, and payments. Enabled club administrators to manage activities efficiently.

EXTRACURRICULAR ACTIVITIES

- AIESEC
- AHLA Fawda
- BASSMA
- Life Sculptor
- SWIM