HASSAN NAJJAR

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EDUCATION

Lebanese American University | Beirut, Lebanon

BS in Computer Science | Expected Graduation: June 2025

- **Relevant Coursework:** Machine Learning, Parallel Programming, Data Structures & Algorithms, Web Programming, Cloud Computing, Theory of Computation

EXPERIENCE

Greateck | Remote

Full Stack Engineer | *Part-time | Aug 2024 - Feb 2025*

- Developed JavaScript & Node.js applications, improving backend performance.
- Utilized Python & Hive for large-scale data processing.
- Enhanced **Actifit** website with Vue.js & Nuxt.js, boosting engagement.
- Optimized UI rendering, reducing load times by **30%**.

Projects

- **Song Popularity Prediction System** | Colab Notebook
  Improved on a model to achieve a **65% increase in accuracy**, using Random Forest & SMOTE.
- **Parallel CNN Framework** | github.com/sprinklepancake/parallel-cnn-prj
  Optimized CNN training, achieving **28.7x speedup** via GPU parallelism.

COMMUNITY SERVICE & ACTIVITIES

Adyan - Alwan | Beirut, Lebanon

Volunteer | September 2019 – July 2022

- Organized inclusive events promoting unity among diverse backgrounds
- Led a project to renovate an orphanage, demonstrating project management and leadership skills

SKILLS

- **Core Skills:** Project Management, Web Development, OOP, Database Design, Parallel Programming
- **Technologies:** Node.js, Vue.js, Nuxt.js, Express.js, MongoDB, Flutter, Git
- **Languages:** Python, JavaScript, Java, C++, C, PHP

LANGUAGES

- **English:** Fluent
- **Arabic:** Native