

CHARBEL CHEHADE

Electrical Engineer

CONTACT

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- 📍 Beirut, Lebanon

SUMMARY

Motivated electrical engineering student with a strong foundation in embedded systems, machine learning, and programming, seeking an opportunity to apply advanced knowledge in these fields to leverage my technical skills to solve real-world problems and contribute to innovative solutions.

EDUCATION

2022 - 2027
ULFG2

- Bachelor of Electrical and Computer Engineering
- GPA: 4.0 (top 1%)

CERTIFICATES

- Deeplearning specialization (deeplearning.ai)
- Machine learning specialization (Stanford)

SKILLS

- Programming languages: python, c++, c#, matlab
- Frameworks: tensorflow, pytorch, numpy, mingw, matplotlib
- Tools: git, gitHub, vscode, jupyter, labview, proteus.
- Soft Skills: teamwork, time management, mentoring, problem solving, analytical thinking

LANGUAGES

- English: Fluent
- French: Fluent
- Arabic: Native

WORK EXPERIENCE

Our Easy Game

OCTOBER 2023 - PRESENT

Engineering tutor

- Assisted engineering students with exam preparation and assignment completion.
- Conducted tailored tutoring sessions to clarify complex engineering concepts.
- Delivered high-quality support by completing challenging tasks within tight deadlines.

PROJECTS

Segmentation model

Pytorch, Git, Github, Colab notebooks

- Organized and preprocessed raw data for classification into folders
- Developed an image segmentation model using PyTorch.
- Applied deep learning techniques to detect and segment object boundaries with high accuracy.

Reproducing GPT-2 Architecture

Pytorch, Git, Github, Colab notebooks

- Studied and analyzed the GPT-2 and GPT-3 research papers in depth.
- Reproduced a GPT-2 model based on the transformer architecture and methodology outlined in the paper.

College Management system

SQL, C#, Windows Forms, Visual Studio

- Built a comprehensive College Management System using Windows Forms in C# and SQL Server.
- Developed features for managing student enrollment, faculty information, and department organization.