

Joseph Michael Khoury

Profile

I am a passionate, detail-oriented Electrical Engineering graduate. I take pride in my problem-solving abilities and am proficient in a wide range of hard and soft skills which I am eager to hone. I consider communication to be one of my strengths, as well as being a fast learner who is focused, organized, and works well in a team. Throughout my academic career, I have partaken in multiple projects in robotics, electrical system design, automation, software development, amongst other domains. I am looking for the opportunity to work as part of a team, in a company I believe in, where I can create positive change and grow my career/skills.

Contacts



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Work experience

Product Manager and Designer

Dec 2021 - Jun 2022

Zylin technologies | Dubai, UAE

- Acted as product manager for the development of an online community-management platform in Dubai, UAE called, 'e-community'.
- Was responsible for helping the clients realize their specifications into an executable design
- Communicated the clients' design and desired technologies to the developers
- Mediated communications between the developers and the clients

Facility Management Supervisor

Mar 2021 - Sep 2021

Prime Association Management | Dubai, UAE

- Acted as supervisor for the facility management of various residential/commercial communities in Dubai, UAE.
- Worked in a team with engineers and technical staff
- Gained knowledge and experience in systems such as:
HVAC,
security systems/networks,
and power distribution/management.

Skills

Software

- MATLAB
- SIMULINK
- Pspice
- SolidWorks
- Autodesk CAD suite such as AUTOCAD, Fusion 360, and Inventor
- EMWorks EMS
- Python
- Java
- C++

Practical

- 3D printing experience
- High maths proficiency
- Vast knowledge of physical phenomena - especially with regards to electricity
- Experience with IoT systems
- Experience with scrum and agile methodologies for project management

Education

Bachelor of Electrical and
Electronics Engineering

Heriot-Watt University

Sep 2019 - Jul 2022

Achieved the equivalent of a 3.9 GPA

Projects

Home Automation

Jul 2022 - Sep 2022

Used a combination of relay-connected micro-controllers and Raspberry Pi servers to add IoT home automation to the lighting circuits of a residential suite.

VR Gloves

Jun 2022 - Jul 2022

I built ESP32 powered, prototype, Virtual Reality gloves with haptic feedback which are compatible with most VR headsets. The gloves connect to a PC via the Bluetooth Low Energy.

Languages

English ● ● ● ● ●

French ● ● ● ○ ○

Arabic ● ● ● ○ ○