

NOURHAN AHMED HELMY

Senior Software Engineer

CONTACT

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LinkedIn

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GitHub

<https://github.com/nourhanhelmy1>

HOBBIES

- Archery
- Fencing
- Baking (Owner of the Sweet Spot page on Facebook)

LANGUAGES

- Arabic (native)
- English
- French (conversant)

SKILLS

- Problem-Solving
- Leadership
- Presentation Skills
- Team work
- Time management
- Communication Skills

EXPERIENCE & ACTIVITIES

VMware Summer Workshop- VMware August 2022 – September 2022

Learned about VMware's tools and how to use them (VSphere and VSAN) and took sessions about virtualization, networks storage and data centers.

IOS Mobile Application Internship - Orange July 2022 – August 2022

Learned swift language and participated in small tasks using XCode on MyOrange application.

Transport Automation Engineer Intern -Vodafone Jan 2022 – Feb 2022

Internship in Technology Department, Transport Networks Sub-department

Junior Leadership Course February 2019

Given by the International Academy for Advanced Research and Studies. London supported by PEARSON

Lebaladna nonprofit organization 2017-2019

Packing and distribution

ACADEMIC PROJECTS

- Developed a **mobile application** like **Eventbrite** (event booking app) on cross platform using **flutter** and including all main UI features and integration with backend team.
- Developed a robot that plays Gun shooting and plays soccer using **Arduino** microcontroller and **Python OpenCV** image processing.
- Worked a **Harvard architecture microprocessor** with hazard control using **VHDL**.
- Contributed in developing a **game engine using ECS framework** in **OpenGL, C++** and **CMake**.

COMPUTER SKILLS

- Flutter/ Dart for cross-platform
- Data Structures and Algorithms
- Programming Techniques (OOP)
- IOS native mobile application (Swift)
- Arduino
- Database Management Systems
- Microprocessors (Assembly Language)
- VHDL.
- Basic knowledge in C++, C, C#, Python, java, JavaScript, HTML.
- MS office as Word, Excel, and PowerPoint.

EDUCATION

Cairo University- Faculty of Engineering

Sep 2019 – Present

Undergraduate (Expected to graduate June 2024)

2019 - 2024

Computer and Communication Engineering (Junior)

Cumulative GPA 2.85/4

IGCSE (A-Level & O-Levels)

Sep 2016 - June 2019

Summits International School, Cairo