

Mark M. M. Labib

Marklabib.com
[linkedin.com/in/mark-labib](https://www.linkedin.com/in/mark-labib)
Marklabib2101@gmail.com
+447539965273

Skills:

Microsoft office,
Simulink (MATLAB),
Simscape (MATLAB),
SOLIDWORKS,
Crimping,
Soldering,
Arduino,
ESP32,
Bit manipulation,
Web development.

Languages:

English,
Arabic (Spoken),
C, html, CSS.

Hobbies:

Football,
Basketball,
Gaming,
Arduino/ESP32.

References:

Romeo Glovnea,
Head of engineering
at the University of
Sussex, +44 (0)1273
678911,
R.P.Glovnea@sussex.ac.uk

Other references
available upon
request



Profile

Bilingual student studying mechanical engineering with robotics at the University of Sussex. Great communication, problem-solving and technical skills (gained through previous skills involving work, university modules, engineering societies, etc). Looking for a year-long placement in a complex, fast-paced engineering position where not only current skills may be applied but where more skills may be acquired and developed in the position.

Education

Mechanical engineering with robotics (BEng) – University of Sussex **2022 - Ongoing**

Achieved 1st class in first year (77%), on route to achieving a 1st class in second year (current average 88.5%).

Key modules included:

- Principles and Applications of strength of materials
- Materials and Manufacturing
- Programming for engineers
- Electrical circuits & Electronic devices
- Technical drawing and CAD (SOLIDWORKS)

Developed many skills from the specified modules and many others, also from engineering-based societies such as Formula Student.

6th form – St.Anselms Catholic School

2020 - 2022

A-level results: Maths A, Physics A, Chemistry A and Biology B

Experience

Engineering Student Mentor – University of Sussex

October 2023 - Ongoing

- Communication: Back and forth with mentees required active listening as well as addressing their concerns and explaining concepts clearly
- Team work and problem solving: Collaborated within a team to identify common issues, which were addressed by arranging problem specific content/workshops for students.
- Time management: efficiently balanced student mentor job along with course work/lectures and social life.
- Networking: The role facilitated opportunities to forge connections with professionals, alumni, and fellow students, allowing a broader professional network.

Formula Student – University of Sussex

September 2023 - Ongoing

- Leadership and Project Management: Directed a team in developing a test rig to evaluate the efficacy of our car's powertrain components.
- Teamwork: Participated in multidisciplinary team for the university's formula student team.
- Research skills: Worked on the cars high voltage battery management system (HV BMS) and conducted extensive research to ensure safe and functional operation.
- First aid and EV High voltage trained in order to participate as an electrical systems officer (ESO) for the team.

Volunteer admin – Coptic Missionary Church

April 2020 – August 2020

- Organization skills and community service: Included creating, filling and processing the church database, which was used in partnership a hospital to offer free medical attention to the less fortunate as well as to organise and distribute donations.
- Key skills involve attention to detail and patience to overcome language barriers and ensure the integrity of the database.
- Adaptability and work ethic: Involved travelling to other cities to collect data from other church branches in the country