

Yousef Abdalla

Electronic and Computer MEng Student

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Education

Electronic and Computer Engineering MEng Sept. 2017 - Aug. 2021
[University of Nottingham](#)

Predicted Grade : 1st / 2.1 Class honours

Project Involvement:

- Construction and programming of autonomous robotic car with various capabilities.
- Development of a Doppler radar-based speed sensor prototype system.
- Development of a Cross-platform 3D model viewer.
- Development of an Off-grid Sensor Network for Environmental Monitoring of Remote Locations
- Cybersecurity project exploring modern software vulnerabilities, exploitation and mitigation techniques.

Awards and Scholarships:

- High Achiever Scholarship
- Nottingham Advantage Award

Work experience

Network Field Training Program Sept - 2019
[Huawei, Saudi Arabia](#)

- Acquired technical knowledge of Network Infrastructure through:
- Participating in the designing of Riyadh Bank New Tower Network Topology.
- Installation and configuration of Huawei routers, aggregator switches and access switches.
- Implementation of Huawei Management System Software (eSight)

Banking and Security Intern Dec 2018 - Jan 2019
[Al-Rajhi Bank, Saudi Arabia](#)

Completed training in:

- Principles of Banking
- Banking Introduction Program
- Sales Skills and Customer service
- Anti-Money Laundering and Countering Financing of Terrorism
- Detection of Forgery and Falsification
- Fraud Protection

Certificates and Online Courses

- Data Science
- Cloud
- Big Data
- Bitcoin
- Cybersecurity
- Technology Internship Experience Certificate - Bright Network

Summary

A highly-involved and forward-thinking individual with a passion for technology. Currently on my final year pursuing a Master's degree in Electronic and Computer Engineering. Actively seeking a job in cybersecurity or software development upon graduation.

A-levels and GCSE's

A-Levels:

- Mathematics (A*)
- Computer Science (A)
- Physics (A)

GCSE's:

- 5 A*
- 3 A

Key Skills

Experience in various programming languages. (C, Java, C++, x86 Assembly)

Experience with Database Management Systems. (MySQL, MS-SQL Server)

Accomplished verbal communication and leadership skills.

Critical thinking, problem solving and analytical skills.

Organization, Planning and Time management skills.

Ability to work both independently and as part of a group.

Languages

English



Near-native English speaker.

Arabic



Mother-tongue.

Spanish



Limited working proficiency.

Leadership Experience

Peer Mentor Leader

Sept 2020 - Present

University of Nottingham

- Provided guidance and support to the new team of Peer mentors within the Faculty of Engineering.

Egyptian Society President

Sept 2019 - June 2020

University of Nottingham

- Brought together all Egyptian students in the university by organising cultural and social events.
- Students > 100
- Hosting collaborative events with other societies of different cultures.

Skill set acquired:

- Team management skills.

Hall President

Oct 2018 - June 2019

University of Nottingham

- Representative of the Students' Union; responsible for engaging the residents in my hall by organising events and improving the hall's facilities.
- Budget > **£10000**
- Students > **250**

Skill set acquired:

- Public speaking and campaigning skills.
- Financial, time, and team management skills.

Volunteering Experience

Student Union Executive Officer

May 2019 - Present

University of Nottingham

- Part of a group of 21 officers responsible for organising events for all 15 halls in the university for the first 6 weeks of term.
- Mentoring the JCR committees taking over individual halls after the 6-week period.
- Students > **6000**
- Budget > **£30000**

Skill set acquired:

- Collaboration and team working skills.
- Financial and Time Management.

Peer Mentor, Faculty of Engineering

Oct 2019 - June 2020

University of Nottingham

- Provided support and guidance in person and over email to the new students of the Faculty of Engineering.

Skill set acquired:

- Networking skills.

Switch-off Student Ambassador

Sept 2018 - June 2019

University of Nottingham

- Participated in campaign to help raise awareness about energy saving and global warming.

Skill set acquired:

- Accomplished verbal communication skills.
- Promotional public speaking skills.