

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 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 titled "Software Memory Corruption Vulnerabilities: Exploitation and Mitigation Techniques."

Awards and Scholarships:

- High Achiever Scholarship
- Nottingham Advantage Award

A-levels and GCSE's

Oct 2014 - June 2017

[British Council](#)

A-Levels:

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

GCSE's:

- 5 A*
- 3 A

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

Key Skills

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

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

Experience with various web developing languages. (HTML, CSS, JS, Node.js, React)

Accomplished verbal communication and leadership skills.

Critical thinking, problem solving and analytical 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.

Additional Online Courses

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

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.