

# Koral Hassan

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## EDUCATION

### Imperial College London

Meng Electrical & Electronic Engineering | Predicted Grade 2:1

2015 - 2019

London, UK

### Priory Academy LSST

A-levels: Maths A\*, Further Maths A, Physics A, Turkish A, Electronics B

2013 - 2015

Lincoln, UK

## EXPERIENCE

### Metaswtich | Software Engineer Intern

April - September 2018

Worked as part of the Fixed Voice Systems Testing Tools scrum team.

Enfield, UK

- » Won intern week hackathon by automating canteen transactions using computer vision.
- » Implemented reporting and diagnostics for MetaView Server errors, saving manual effort.
- » Developed web-apps for investigating data about timelines, fault reports, and automated tests.

### Imperial Electrical & Electronic Engineering Society | President

2017 - 2018

Elected to run a society of over 1000 members, leading a committee of 12 people.

London, UK

- » Negotiated with 75+ companies, obtaining new sponsors such as Google and Goldman Sachs.
- » Leveraged increased income to start new initiatives, collaborating with different societies and universities. Achieved record member participation rates.
- » Led planning effort to forecast workshops, industry talks and social events, allowing sponsors to better plan their involvement.

### µBoard | Founder

2016 - 2017

My product proposal of a mathematical keyboard as a coursework was part of the 25% of submissions selected. My team later won the independent £2000 Enterprise Boost Grant to continue the project as a start-up business.

London, UK

- » Identified industry-wide issue of digitising academic documents. Developed a technical solution to it.
- » Implemented project management tools to track progress of team and assist with delegation, allowing us to intervene on problematic tasks.
- » Learnt about USB HID interfacing, developed code for an Arduino microcontroller.

## ACHIEVEMENTS & QUALIFICATIONS

### Facebook Regional Hackathon | 3rd Place

Built Android app that tweaks facial expressions using Microsoft Azure API's.

2018

London, UK

### Microsoft 3Hack | Judge

Evaluated product pitches in terms of viability, innovation and design.

2018

London, UK

### Imperial Plus | 300+ Volunteering Hours Certificate

Mostly earned through efforts for Electrical & Electronic Engineering Society.

2017

London, UK

### Institute of Leadership and Management | Level 5 Award

Wrote 2 reports detailing techniques for management of volunteers.

2017

London, UK

### Old Centralians' Trust | Student Activity Award

Rewarded for all-round involvement in university life.

2017

London, UK

## SKILLS

**Technical:** Python, C/C++, JavaScript, F#, MATLAB, ARMv7 ISA, Verilog HDL

**Web & Design:** HTML, CSS, Django, LaTeX, Photoshop, Premiere, Illustrator, InDesign

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