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# PEDRO LUIZ BREGA MONTEIRO

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## PROFILE

I am currently in my second year of studying Electrical and Electronic Engineering at Imperial College London. I am extremely passionate about this field of study and hope to apply my skills in my career to help solve complex problems.

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## SKILLS

Experienced in programming with C++, Python, Kotlin, Java, Verilog, HTML, CSS and ARM Assembly language. Experienced in hardware design and implementation using PCBs and microcontrollers.

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## EXPERIENCE

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### NUFFIELD RESEARCH PLACEMENT

June-July 2015

Worked with Dr Vlad Stolojan at the University of Surrey on using Focused Ion Beam milling to create micro optical elements and wrote a summary paper at the end of the placement on The characterization of optical elements that approach the diffraction limit.

### IMPERIAL COLLEGE SUMMER SCHOOLS 2012/2013/2014

Various summer schools on the topics of robotics, chemistry and engineering where I broadened my skills and knowledge in these areas.

### OXFORD ENGINEERING WORKSHOP - 2015

A weekend engineering workshop at the University of Oxford where I was given lectures on thermodynamics and fluid mechanics and worked in teams to solve complex problems and learn.

### INTRODUCTION TO MANAGEMENT HORIZONS COURSE – 2017

I achieved a 2.1 in my horizons management course, where I learnt about economics, finance and gained in depth knowledge of the processes involved in management from manufacturing to marketing.

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## QUALIFICATIONS/AWARDS

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### A-LEVEL/2016

Pimlico Academy-Lupus St, Pimlico, London SW1V 3AT

Mathematics - A\* , Further Mathematics – A\*, Chemistry – A

Physics – A, Biology(AS) – A

Awarded highest achiever in mathematics – Pimlico Academy 2016

Awarded bronze and silver award in UK maths challenge (years 2014 and 2015 respectively) and participant in UK team maths challenge

### ELECTRICAL AND ELECTRONIC ENGINEERING BENG/2017

Imperial college London Kensington, London SW7 2AZ

First year grade – 2.2

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