

# CHUNG MING POON

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## EDUCATION

2014 – Present	MEng in Electrical and Electronic Engineering (Achieved 1 <sup>st</sup> in year 1-3), <i>Imperial College London</i>
2012 – 2014	A-Levels: Mathematics (A*), Further Mathematics (A), Physics (A*) and Chemistry (A*), <i>Egglescliffe School</i>
2010 – 2012	GCSEs in 13 subjects totalling 8 A*s and 5 As, <i>Egglescliffe School</i>

## EMPLOYMENT EXPERIENCE

2017 April-September	System Planning Engineer, <i>An electrical distribution network company.</i> • System Planning Engineer at an electrical distribution network operator, streamlining the network reporting and forecasting process.
2016 June-September	DevOps and Build Release Engineer, <i>A cyber-security firm.</i> • Implemented a continuous integration pipeline in a large project. This enabled a team of around 30 developers and testers to implement the agile test-driven-development workflow more effectively.
2015 July-August	Technician, <i>A marine surveying firm.</i> • Collaborated in designing, prototyping and testing of the next generation of specialist digital instruments for harsh environments found in marine surveying.

## KEY ACHIEVEMENTS

2016 – Present	<i>President</i> , Imperial College Electrical Engineering Departmental Society
2015 – 2016	Committee of Imperial College Electrical Engineering Departmental Society
2015 – Present	City and Guilds Union Committee Member: advocating engineering students at Imperial College London.
2015	Best Analogue Design Group Project Award: designed best autonomous vehicle out of about 30 in year.
2014	Maurice Hancock Scholarship: received from Imperial College London for academic excellence in A-Levels.
2012	Represented school in a team in UK Aerospace Youth Rocketry Challenge, reached the Regional Final.

## CORE SKILLS

- Experience in several programming languages: PHP, C++, Python, JavaScript, Java, Groovy, ARM assembly, MATLAB, SQL, Verilog
- Developing web applications using HTML, CSS (responsive mobile designs), JavaScript (such as for AJAX RESTful interfacing), with PHP in the server-side using MVC frameworks and data handling using SQL. Experience in using nodeJS with AngularJS.
- Experience in digital processing using FPGAs in VerilogHDL, and programming for microcontrollers.
- Proficient in soldering, circuit prototyping and using test equipment to debug circuits.
- Proficient in circuits design tools: OrCAD PSpice, Altium PCB Designer, and using Microsoft Office: Excel, Word and PowerPoint.
- Familiar with Linux, Apache and MySQL database back-end server administration and IP network management.
- Familiar with build orchestration tools such as Maven, Gradle, Ansible, Jenkins, as well as Docker.
- Presentation and project management skills developed through team projects. Also familiar with agile development methods.
- Fluent in both English and Chinese.

## INTERESTS

- Grade 6 ABRSM in Piano
- Participate in several Imperial College Societies: Gliding Surf, Wakeboard, Photography, Hackspace

*References available upon request. There are aspects in this document which has been removed.*