YUTING XU

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Shanda Eryuan Dormitory, Jinan, Shandong, China

EDUCATION

Imperial College London *October 2018 - Present (June 2022)*
Undergraduate (MEng) Second Year GPA: 3.7/4
Department of Electrical & Electronic Engineering

Jinan Foreign Language School *September 2015 - May 2018*
A-Levels: Maths (A*), Chemistry (A*), Physics (A*), Economics (A*), Further Mathematics(A)
GCSE: English as a second language(A*)

COURSES/SKILLS

Software Skills	Assembly (ARM), C++, F# ,Python, Verilog , Matlab, Office, SQL Labview, Allegro, TeraTerm Language (TTL), Swift, OrCAD Capture Allegro PCB Designer
Courses Taken	Digital & Analogue Electronics, Mathematics, Digital System Design Electromagnetism, Complexity & Data Structures, Embedded Systems Semiconductor Devices, Control Engineering, Communication systems.
Language skills	Chinese, English (IELTS 8), Japanese (Beginner)

WORK EXPERIENCE & EXTRACURRICULAR ACTIVITIES

NXP Semiconductors Board Solutions Shanghai January 2021 - Present
Test, Design & CAD Engineer Intern

· Supported over 70 global projects.
· Drawn schematics according to customer requirements.
· Converted schematics to layout designs.
· Made use of different debuggers to test / bring up prototype boards.
· Communicated with business lines and manufacturers to ensure on-time delivery.

Beckman Coulter CDC Suzhou September 2020 - January 2021
Electronic Engineering Intern

· Participated in the reliability testing of the latest products.
· Using C++ and MFC, developed a GUI log analyzer that greatly improved the efficiency of the current testing process.
· Involved in the entire PCB design cycle and was in charge of PCB testing.

PROJECTS

Traffic monitoring and management system *October 2019 - March 2020*

· Identified the problem and came up with many potential solutions.
· Worked in a group and was in charge of the programming of the control system.
· Designed a modular control system that ran on two Arduinos. The control system can react to the sensor inputs accordingly.

· Worked effectively in a group, created a Gantt chart to keep track of others' works and helped anyone in need.
· Produced a working demo and a report collectively. Presented the demo to the tutors, receiving high praise.

Broadband Amplifier Design *October 2019*

· Designed, constructed, and tested a broadband amplifier.
· Learnt to use design tools (Analog Devices' Filter Wizard) to design filters.
· Final product met all required specifications.

Wireless controlled rover *October 2018 - May 2019*

· Constructed a rover that can be wirelessly controlled.
· Designed an interactive control interface for the mobile phone app.
· Programmed the rover to detect different type of signals and differentiate between them.
· Worked effectively in a group.
· Produced a report collectively and presented the product to the year group, receiving high marks.