

ZIWEI LIN

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📍 Fujian, China

🌐 <https://github.com/AtonalStar>

📅 Date of Birth December 1996

EDUCATION

University College London

MSc Software System Engineering

📅 Sep 2019 - March 2021

📍 London, UK

University of Liverpool

BSc Computer Science

📅 Sep 2017 - Jun 2019

📍 Liverpool, UK

- Bachelor of Science (First Class (Honours))

Xi'an Jiaotong - Liverpool University

BSc Information and Computing Science

📅 Sep 2015 - Jul 2019

📍 Suzhou, China

- Award: University Academic Achievement Award

PROJECT

IBM - MayFlower (Group Project)

Unity Environment Simulation + Django API

📅 Jun 2020 - Sep 2020

📍 London, UK

Cooperating with IBM UK, the project requires the team with six students to provide a solution for developing a USV (Unmanned Surface Vehicle) System using Unity and ROS during the COVID 19 outbreak. My tasks:

- Simulate the canal with Unity Terrain. Simulate some sensor in Unity and enable the data transmission from Unity to ROS.
- Develop RESTful API with Django + REST Framework.

NTT DATA - Asset Tracking System (Group Project)

React Web App Development

📅 Nov 2019 - Apr 2020

📍 London, UK

Cooperation with NTT DATA UK, a team of six students were asked to develop an API for tracking the medical equipment of a hospital. Using the location data translated from the Bluetooth signal, our system contains a Server, a Web App and an Android App. My main task is developing the React Web Application.

12-Tone Serial Music (Individual Project)

Java PC Application Development

📅 Oct 2018 - Apr 2019

📍 Liverpool, UK

The undergraduate final year project. By reading papers about Schoenberg's 12-tone composing method, self-design and develop a PC application for automatic composing using Java Swing, MIDI programming and using LilyPond for stave generation.

INTERNSHIP

Fujian Shida Computer Equipment Ltd.

R&D Intern

📅 Jan 2017 - Feb 2017 📍 Fuzhou, China

Participated in the development of TCMS (Thin-Client Management System) English version.

The main tasks were: translate the "Installation Guide" and "User Manual"; translate and adjust the Central Controller web page.

SKILLS

- Programming Language:

Java

JavaScript

Python



- Front-end:

HTML/CSS/JavaScript

React



- Back-end:

Java Servlet/JSP

Python Django

Node.js



- Database:

SQL

MySQL



- Version Control:

GitHub



- OS:

Windows

Linux



- Others:

Unity

Virtual Box

Docker



LANGUAGES

- Chinese - Native

- English - IELTS 7.0