Meina Lin Wei

• Flat 5, 30 Sciennes, Edinburgh, UK, EH9 1NJ • +44 7367805650 • meina.lw12@gmail.com • LinkedIn: Meina Lin Wei •
• Personal Blog: meinalinwei.github.io/PersonalBlog/ •

Education

BSc Artificial Intelligence and Computer Science (Hons)
The University of Edinburgh *September 2019 - July 2023*

Relevant Coursework - Object-Oriented Programming, Functional Programming, Computation and Logics, Cognitive Science, Linear Algebra, Calculus and its Application

---

Skills

- *Technical* - Basic knowledge in Java, Python, C++, Haskell, GitHub, Linux, PostgreSQL
- *Web Design* - HTML5, CSS3, JavaScript, Sass, Flask
- *Language* - Fluent in spoken and written French and English. Fluent in conversational Mandarin Chinese

---

Personal Projects

Personal Blog GitHub: MeinaLinWei/PersonalBlog

- Built a personal blog by using HTML, CSS3 and JavaScript.

Extracurricular Activities and Clubs

HYPED - The University of Edinburgh Hyperloop Team (Sep 2019 - present)
Head of Software (June 2020 - present)

- Planned different workshops (C++/Git) for onboarding of newcomers for the new semester.

Software – Sensors Technical Lead (Feb 2020 - present)

- Coded a C++ program to measure the speed of the Hyperloop pod using Infra-Red Sensors mounted on the wheels.

Software - Sensors team member (Sep 2019 – present)

- Wrote C++ program to measure the difference in light intensity using photoelectric full spectrum sensors (Keyence) controlled by a BeagleBone Black (BBB). The data collected is used to measure the number of reflective stripes the pod has passed in the tunnel and thus calculate the velocity and distance travelled by the Hyperloop pod.
- Wrote C++ program that calculate the acceleration of the pod using Inertial Measurement Unit (IMU) sensors.

Hack Cambridge 101 (18th Jan 2020 – 19th Jan 2020)
REPLY Challenge - 3rd place

- Wrote C program to detect regions of high light intensity using a photoelectric sensor controlled by an Arduino. A solar tracker can be connected to the Arduino which will rotate solar panels towards regions of high light intensity.

Hoppers – Edinburgh University Women in Informatics Society (Sep 2019 - present)
Tech coordinator (Apr 2020 - Present)

- Responsible for contacting companies, researchers and other relevant societies regarding technical events such as interview and CV workshops, and academic talks.

President of Student Council, Forest-Side State Secondary School (Girls), Mauritius (Jan 2017 – Jan 2018)

- Planned different school events including Prize Giving & Music Day, Annual Sport Day, health walks and many more
- Assigned tasks to members of the Student Council body to ensure smooth workflow throughout the academic year

---

Work Experience

Secretary, Family Business (Societe River Palm & Silver Palm LTD), Mauritius (Dec 2018 – Aug 2019)

- Responsible for bookkeeping and making business appointments.