LI, YU-HSI (ASHLEY)

📞 +852 46701581 | +886 0988183646   ✉ yuhsi.1026@gmail.com   in LinkedIn   🖥 Portfolio

Education

The Hong Kong University of Science and Technology   **Sep 2021 – (June 2025)**
BEng Major in Computer Engineering & Minor in Big Data Technology   Hong Kong
Relevant course: Machine Learning, Natural Language Processing, Cloud Computing, Computer Vision, Operating System, Signal Processing

Chalmers University of Technology   **Sep 2023 – Jan 2024**
Exchange Study in master level courses   Sweden
Relevant course: Image Processing, Computer Graphic, Algorithm

Experience

Software Engineer Intern | Industrial Technology Research Institute   **June 2024 – Aug 2024**
Autonomous Vehicle Department - Simulation Team   Taiwan
- Developed simulation scenario management system's backend data logic and API endpoints for efficient data management
- Develop a server for automating visualizing simulation scenarios, including schematic image and video generation using esmini.
- Documents writing and Unit testing which achieve 95% coverage for the scenario management system.

Project Coordinator | Path Advisor   **Aug 2024 – now**
FrontEnd Developer   **Sep 2022 – July 2024**
A map application for the HKUST campus, which helps users to find their best way around the campus.   Hong Kong
- External cooperate with multiple departments to ensure seamless integration of features and ensure the latest map is updated
- Internal responsible for teams' communication and lead the team to production/ development of new features .
- Issue-shooting to provide a better user experience, and handle user feedback to improve and develop the map application.
- Responsible for maintenance of webpage and providing suggestions of updating and fixing errors

Software Engineer Intern | Novbee Limited   **June 2023 – Aug 2023**
A startup operates as a music collaboration production studio platform.   Hong Kong
- Frontend web-development for the new features, determining the structure and design of web pages, building reusable codes using TypeScript, and aligning with UIUX team design.

Wiadvance - Software Engineer Intern   **July 2022 – Aug 2022**
A subsidiary of Wistron Corporation, which provides cloud-based services and solutions.   Taiwan
- Research in customer service system for the new release cloud app market, and upgrade the user experience.
- Internal website API debugging.

USThing - UIUX Designer   **Sep 2022 – now**
A student-developed all-in-one app for HKUSTer better access to campus services.   Hong Kong
- Designing an appealing and user-friendly interface for App and web, collaborating with developer teams for researching, designing, and implementing new features.

Taiwanese Students' Association @HKUST - Publicity Manager   **June 2022 – July 2023**
Society serves Taiwanese students in HKUST, and promotes Taiwanese culture.   Hong Kong
- Managing social media accounts, gatekeepers for marketing materials, souvenir design, and external collaborations.

Be Our Guest @HKUST - Marketing Officer   **Sep 2021 – July 2023**
A student-led society connects local and international students, promoting cultural diversity.   Hong Kong
- Develop branding, design marketing materials, organize events, and analyze promotion decision-making.

Language | Library | Framework | Tools | Award

Programming Languages: Python, C++, C, TypeScript, JavaScript, Java, MIPS Assembly, MATLAB
Machine Learning: Pandas, NumPy, Matplotlib, Scikit-learn, Tensor-flow
Web Development: React.js, Node.js, HTML, CSS, Bootstrap, REST API, Server, Database
Tools: Git, GitHub, VSCode, Jupyter Notebook, LaTeX, Anaconda
Design: Final Cut Pro, Figma, Adobe Illustrator
Softskills: Problem solving, Communication, Project Management, Leadership
Language: Mandarin: Native | English: Advanced | Korean: Beginner | Cantonese: Beginner
Award: HKSAR Government Scholarship - Reaching Out Award