Yi-Shan Wu

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PRACTICAL SKILLS
Programming: HTML, CSS, JAVA, JavaScript, Python, Arduino
Languages: Chinese (native), English (Duolingo 105, 2022/09)
Computer: Google apps, AWS, Power BI

EDUCATION
The University of Alabama at Birmingham(UAB), Birmingham, AL, USA
expected 2024/12: **Master of Computer Science**

National Taiwan University, Taipei City, Taiwan
2018/06: **Master of Science in Pathology**

Chang Gung University, Taoyuan City, Taiwan
 2017/06: **Bachelor of Science in Biomedical Sciences**

PROJECT

2021/08: **AWS Cloud Internet of Things**
Implement an **arduino UNO** program on Raspberry Pi3 through python serial. To make specific spot alert and SNS alert practical, we select to use the **AWS IoT Core** and **Rule Engine** to drive **AWS IoT Event** sending email and **DynamoDB** storing data.
We also can represent our data on the website or connect with the safety guidance company to help monitor and rescue easier.

2023/08: **LikeCode website develop**
Implement a website by **python Flask** and publish on my own domain. To meditating the Leetcode website, we built a database with **SQLAlchemy** to practice the user login system. To make maintenance easier, we produce **base.html** to control all the headers, footers, and navigators at the same place. To make the page look fancier, I also implement **jQuery** and **Bootstrap** to enrich **CSS** and **Javascript** designs.

EXPERIENCE
FLOW Inc., Taipei, Taiwan
2019/07 – 2021/04: **Data Design Specialist**
- Used Google Apps Script to produce operational data and optimized team's work flow through automation
- Defined and presented data on team's work assignment, content, performance for manager in weekly online reports using Power BI
- Designed and drafted team's work SOPs
- Created product requirement document to find suitable workers for clients' projects (+- 9 projects per week)

2018/11 – 2019/06: **Intern**
- QC team: calculated production yield of annotators using Google Sheets for QC manager to review, provided support to manager where needed
- R&D team: used Scrum to list client tasks in order of priority for engineers every week
- Support team: worked with social workers in Employee Assistance Program, IT support, and conducted home visits with occupational therapist to provide support where needed; used Google Apps Script to enhance data operation
- Business Development team: assisted in planning client development conference (https://topic.cw.com.tw/event/2019flow/index.html) for external AI engineers and senior managers