

Sung-Chian (Kelsey) Wen

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Education

Fu Jen Catholic University, New Taipei City, Taiwan
Bachelor of Medical informatics and innovative applications

Sep. 2016- June 2020

Professional Experience

Frontend Developer- Trillions Digital Co. Ltd., Taiwan.

Feb. 2022 – Aug. 2022

- Migrated an existing project from Vue CLI to Vite, improved overall development efficiency
- Built and designed a new project and planned overall schedules and assignments for a sports information website
- Developed a Management System and used Apache ECharts to visualize data into the project for a sports information website
- Leveraged knowledge: Vue 3, Vite, Vuex, Axios, Tailwind CSS, Ramda.js, CKEditor5, Vuelidate, Apache ECharts

Software Engineer- Shin Kong Wu Ho-Su Memorial Hospital, Taiwan

May 2020 – Oct. 2020 (Intern), Mar. 2021 – Feb. 2022

- Developed the Hospital Information System(HIS) and LineBot using C# MVC(.net core) and Bootstrap to visualize data.
- Manipulated and integrated data from the database using MSSQL to connect to the project.
- Communicated with doctors about their requirements and applied them to the hospital management system.
- Leveraged knowledge: C#, MSSQL, jQuery, .net core, Bootstrap5

Projects

Medical Helper - Medical Inquiry Conversation Robot

Sep 2018 - Jun 2019

- Programmed a conversation robot on LINE(Messenger APP) for users to query millions of hospital data from SQL workbench.
- Combined with SQL workbench and LINE API to present user-requested data on LINE through conversations.
- Concatenated SQL workbench with RUBY and Ruby on rails.
- Utilized knowledge: Ruby, Ruby on rails, LINE Bot API, MySQL Workbench

SDM Robot - Gathering users' intentions and responding to keywords

Feb 2019 - Jun 2019

- Programmed a conversation robot called SDM (Shared Decision Making) robot on LINE
- Combined with Microsoft's QnA Maker for keyword replies to answer the patient's questions (about the risks of treatments).
- Combined patient responses and physician evaluations for medical procedures.
- Utilized knowledge: Python, Django, QnA Maker, Google Sheets (collecting data)

Internship

Software Engineer- Fu Jen Catholic University Hospital, Taiwan

Mar. 2020 – May 2020

- Developed the Hospital Information System(HIS) using C# MVC(.net core) and using Kendo UI to visualize data.
- Manipulated and integrated data from the database using MSSQL to connect to the project.
- Extracted and transferred data from MSSQL to XML files and exported it.
- Leveraged knowledge: C#, MSSQL, jQuery, .net core, Kendo UI

Software Engineer- Hash Programming School, Taiwan

July 2019 – Feb. 2020

- Developed Web Crawling in Python to crawl movie information from websites using BeautifulSoup and visualized on Line.
- Modified the website of the Hash Programing School using HTML, CSS, and jQuery.
- Combined with Facebook advertising to analyze user preferences and age groups and increased the number of people who were interested in the free trial classes by 2x.
- Leveraged knowledge: Python, WebSocket, BeautifulSoup, Facebook advertising

Part-time tutor

Math teacher- Taiwan

Mar. 2020- June 2020

- Supported parents to make long-term math study plan for kids.
- Monitored a group of junior high school students' math progression.

Professional Qualifications

- **Programming:** SQL, Python (Django), HTML/CSS, Java, Vue2-3, C#
- **Database and Data Visualization:** MySQL, MSSQL, Oracle, toad, Apache ECharts
- **Distributed Computing and Deployment Tools:** Git, Github, Heroku