

Hsiang-Yuan (Shane) Chen

Salt Lake City, UT | (857) 396-4466 | shane.chen0219@gmail.com | ☎ ShaneChen0219 | 🌐 hsiangyuan-chen

EDUCATION

Kahlert School of Computing, University of Utah

Aug.2023 - Dec.2024(Expected)

Master of Software Development

Relevant courses: Data Structures and Algorithms, Computer Programming

GPA: 4.0

College of Social Sciences, National Chengchi University

Sep.2016 - Jun.2020

Bachelor of Arts, Land Economics

SKILLS

Programming Languages: Python / SQL / Java / C++ / ABAP

DBMS: PostgreSQL / MongoDB

Web: HTML / CSS / JavaScript / React

Productivity: REST API / Flask / SFML / Git / GitHub / ElephantSQL / Insomnia / Android Studio

PROJECTS

Squeezing Koopa & Goomba Game

- Developed a 2D game using **C++** with the **SFML** framework, including dynamic items generation and responsiveness in-game collisions
- Utilized **CMake** for project build and management

Temperature Record

- Created a robust **RESTful API** for a Temperature Record application using **Python** and **Flask**
- Integrated with a **PostgreSQL** database using **ElephantSQL**, ensuring persistent storage and effective data management
- Utilized **Git** for collaborative development and deployed the API on a development environment

3D Animated Portfolio

- Designed an animated web-based on **Sketchfab** 3D models
- Harmonized **React**, **Three.js**, and **Tailwind CSS** to build up a responsive website
- Implemented an automated email-sending webpage using **EmailJS**

Full Stack Food Ordering App

- Built an online ordering app, which covers user authentication, checkout payment processing, and order acceptance facilitated through automated email notifications
- Used Next.js on the backend and developed the frontend with **React** and **Tailwind CSS**. Achieved data storage with **MongoDB**

WORK EXPERIENCE

Service Information Developer

Sep.2022 – July.2023

EIT Services Taiwan CO., Ltd. (DXC Taiwan) | Taipei City, Taiwan (R.O.C.)

- Led a team to build up an **automated inventory system**, which enabled real-time tracking and generated inventory reports using **ABAP**, **SQL**, and **Python**, reducing inventory checking time from 3 days to 3 hours
- Designed **SPECs** and developed SAP S/4 Hana projects, including **WMS** & ERP data exchanges, purchase order automation, and **fright management system** & **AWS** connection testing
- Solved SAP S/4 Hana **ABAP** and **MM** issues as an **on-site** consultant to maintain and enhance SAP workflows

Consultant

Nov.2021 – Aug.2022

Ucan System CO., Ltd. | New Taipei City, Taiwan (R.O.C.)

- Created an **RFC** interface for seamless data exchange between MES and SAP S/4 Hana
- Developed SAP S/4 Hana reports, functions, and enhancements