

ANDREW (SHENG-CHU), CHOU

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WORK EXPERIENCE

Charles Schwab Co., Inc.

Apr. 2022 - Present

Fullstack Engineer

Texas, U.S.A.

- Improved accessibility by fixing the aria-label for masked mobile numbers, enabling proper Screen-Reader functionality.
- Implemented dynamic tagging to differentiate authenticated and guest users, in compliance with Tagging team standards for further analysis.
- Designed and executed a new workflow to redirect customers to relevant pages based on failure scenarios, enhancing the overall user experience.
- Developed a form generator that provides customers with various options for the source of income, based on their choice.

Antra, Inc.

July 2021 - Apr. 2022

Fullstack Developer

Virginia, U.S.A.

- Utilized the MVC framework to design and develop a user-friendly movie shop webpage.
- Developed a server-side API using .NET Web API technology to enhance the functionality of the application.
- Designed and implemented a single-page application using Angular for seamless user experience.
- Conducted comprehensive unit tests to ensure the quality and robustness of the entire application.

Digital Development Department, Cathay Securities Investment Trust

July 2020 - Sept. 2020

Data Analyst (intern)

Taipei, Taiwan

- Employed ensemble methods such as boosting and stacking to predict the Taiwan Stock Exchange Index in Python, achieving accurate results.
- Analyzed investors' emotion using the Bull-Bear Index, and tested the accuracy of different thresholds.
- Built an automated feature selection system and presented the results using various metrics, providing valuable insights for investment decisions.

TECHNICAL SKILLS

Programming Language

JavaScript, TypeScript, C#, T-SQL, Python, R, \LaTeX

.Net Technologies

ASP.NET MVC, ASP.NET Web API, Entity Framework, Dapper

Web Technologies

Angular, React, HTML, CSS, Bootstrap, jQuery, Node.js, Express

Databases

Microsoft SQL Server, MySQL, PostgreSQL, MongoDB

Others

Agile, GitHub, Postman, Insomnia, Unit Testing, Heroku, AWS

EDUCATION

University of Washington

Oct. 2022 - May 2023

Part-Time Fullstack Bootcamp

- **Relevant Coursework:** HTML, CSS, JavaScript, APIs, Node, ES6, OOP, Express, MySQL, MVC, Sequelize, Testing, Agile, Progressive Web Apps, React, NoSQL, MERN Stack

University of Southern California

Sept. 2019 - May 2021

M.S. in Analytics

- **GPA:** 3.8/4.0
- **Relevant Coursework:** Introduction to Data Management, Data Analytics Consulting, Analysis of Algorithms, Decision Analysis, Machine Learning for Data Science, Data Mining

Taipei Medical University

Sept. 2014 - June 2018

B.B.A in Health Care Administration

- **GPA:** Overall 3.88/4.00, Last 60 4.00/4.00

CERTIFICATES & LICENSES

Medical Management Licence	Nov. 2016
◦ Certified by the Taiwan Association for Medical Informatics	
Japanese-Language Proficiency Test Certificate (Level N2)	Aug. 2018
◦ Certified by the Japan Foundation and the Japan Educational Exchanges and Services	