Jason Chen

Front-End Developer

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ABOUT ME

I enjoy creating websites and mobile applications. My interest in front-end development started back when I was a college student, I participated in "WEB Design" course and I've learned a lot about HTML and CSS, since then I fell in love with making user interface and animations. I am highly motivated to continue learning and improving my techniques.

SKILLS

Programming Languages
C#, C++, Java, JavaScript, Python, R, TypeScript, HTML, CSS/SCSS, MySQL

Libraries & Frameworks
Vue, Angular, React Native, Express, Node.js, ASP.NET, NumPy, Pandas, Matplotlib, Plotly, SciKit-Learn, Vuetify, Bootstrap, Greensock, jQuery

Tools & Platforms
Android Studio, Docker, NPM, AWS EC2, Heroku, Firebase, SSMS, Git, Swagger, Postman

RELEVANT EXPERIENCE

Research Assistant @ Yuan Ze University
Taoyuan, Taiwan | Sep. 2019 - Aug. 2021
- *Tutor of the "Basic Programming" and "Windows Form Programming" course*
- *Maintain and develop course used website for collecting learning data of students*
- *Research and analyze students' learning beahaviors*

Part-Time @ Ardomus Networks Corporation
Hsinchu, Taiwan | Jul. 2019 - Aug. 2019
- *WEB development in Angular to control smart home devices through API*

Intern @ Ardomus Networks Corporation
Hsinchu, Taiwan | Jan. 2018 - Jan. 2019
- *Mobile App development in native Android to control smart home devices through API for the demonstration*
- *Implement OAuth 2.0 server and website for account linking and control smart home devices with Google Assistant and Alexa Skill Kits*
- *Write shell script for automatic project building and remote deployment in Docker environment*
- *Inspect and test API requests and responses follow by the Swagger's rules*

EDUCATIONAL BACKGROUND

Yuan Ze University
Taoyuan, Taiwan | Sep. 2019 - Aug. 2021
Master of Science in Computer Science & Engineering
- *Thesis: "Identification Mechanisms of Help-Seeking Behavior Patterns and Help-Seeking Tendencies: Data-driven Clustering Approach"*
- *Relevant course: Big Data Analysis, Human & Computer Interaction Design, Digital Learning*

Yuan Ze University
Taoyuan, Taiwan | Sep. 2015 - Jun. 2019
Bachelor of Science in Computer Science & Engineering
- *Relevant course: WEB Design, Cloud Computing, Digital Image Processing , Windows Form Programming*

PROJECTS

Portfolio 21 ↗
Personal Project | Aug. 2021
A website introduce myself and a quick overview of the projects I made in the past, written with Vue and Bootstrap

Daily Idiom
Digital Learning Course Project | Jul. 2021
A mobile application that help user learn Chinese idioms daily, written with React Native

Visitor Predictor
Big Data Analysis Course Project | Jan. 2020
A tool that help building time series model to predict the visitors, written with Vue and Vuetify

Scheme Clerk System
Human & Computer Interaction Course Project | Dec. 2019
A tool for shop manager and clerk to manage their working schedule, written with Vue and Vuetify

LED Visualizer
Personal Project | Mar. 2019
A tool to customize the LED strip with Arudino through the MQTT, written with jQuery, Node.js, Heroku

Beauty Crawler
Personal Project | Nov. 2018
A tool that crawls the images from the forum, PTT Beauty community, written with jQuery, Node.js, Heroku, Firebase