

賴泰霖

Tai-Lin Lai

Software Engineer | Web Developer

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Phone: (+886)932-076-202 GitHub: <https://github.com/TimLaiTW>

Location: Taipei City, Taiwan Portfolio: <https://timlaitw.github.io/portfolio-v2/>

Key Skills

Programming language: **JavaScript | Java | Python** | MySQL | HTML | CSS | C
Experience in: **React.js | Angular** | Django | Web applications | Relational Database
Knowledge of: Artificial Intelligence | Design patterns | Hive | HDFS | Hadoop

EXPERIENCE

Co-founder & Website Developer Mustard Seed Capital LLC Boston, MA, USA 03. 2020 – 03. 2021

Technical Skills: **Java, JavaScript, React.js**, HTML/CSS

Impact: Reduced 30% website development cost. Attracted 20% potential customers through business website.

- Built and published a professional corporate website with web frameworks implemented including React.js and bootstrap.
- Maintained and updated corporate website upon customer-related information and company financial status.
- Provided solutions internally on technical issues and analyzed performances of stock traders for internal use.

Web app developer University of Massachusetts Boston, MA, USA 06. 2019 – 11. 2019

Technical Skills: **mobile app development**, behavior analysis

Impact: Received 60%+ positive App reviews. Responsibility for full design.

- Created a healthcare application on WeChat mini program platform for elders and completed software design documentations.
- Collaborated with Nursing Professor. Zhang and transformed ideas into features of the app based on mHealth mission goals.
- Studied end-user preference survey in New England area in order to improve user engagement.

BIOS Software Engineer Compal Electronics, Inc. Taipei city, Taiwan 10. 2015 – 04. 2017

Technical Skills: C, BIOS, UEFI, Legacy, version control

Impact: Contributed a 20+% reduction of the technical issues. Supported manufacturing production.

- Worked with customers to enable Firmware Support Package reference code, generate and update collateral.
- Brought issue to closure in collaboration with other functional teams and external support teams, and delivered internal training.
- Utilized the UEFI firmware stack to design and implement firmware features to Dell notebook.

Data Analytics Engineer D-Link Corporation Taipei city, Taiwan 11. 2014 – 08. 2015

Technical Skills: **R, Data analysis**, TCP/IP

Impact: Forecasted sales of company products for production planning.

- Built forecasting models for products sales in data sets. Analyzed and implemented algorithms to create readable deliverables.
- Worked with senior analytics engineer to set up internal networking technology training program.
- Certified in D-Link Network Associate (DNA) certification. D-Link Certified Specialist (DCS) certification candidate.

PROFESSIONAL EDUCATION

University of Massachusetts, Boston Master of Science in Computer Science GPA: 3.8/4.0 Graduation: 12. 2019

Fu-Jen Catholic University, Taiwan Bachelor of Science in Electrical Engineering Graduation: 07. 2015

RELATED PROJECTS

Check list web app Link: <https://timlaitw.github.io/React-Checklist/> Ongoing

Technical Skills: **Backend development, Django framework**, React.js, JavaScript, HTML/CSS

Impact: Acquired Django framework skills, became proficient in React.

- Constructed a to-do list with user authentication feature implemented and provided easy arrangement on plans and tasks.

Portfolio Link: <https://timlaitw.github.io/portfolio-v2/> 05.2021

Technical Skills: **React.js, JavaScript**, HTML/CSS, Responsive design

Impact: Proficient in GitHub version control, React components and CSS animation.

- Designed, developed, and deployed a personal website with components rendered by React.js on the GitHub user page.

Tip Calculator Link: <https://timlaitw.github.io/React-Tips-Calculator/> 03.2020

Technical Skills: **API**, Front-end development, CSS

Impact: Easy calculation on proper tips based on users' location sales tax.

- Built an app with geolocation API to retrieve corresponded sales tax and calculate the total tips divided by headcount.