Tai-Lin Lai

Software Engineer | Web Developer

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Personal Website: https://timlaitw.github.io/

CAREER OBJECTIVE

Motivated and results-driven software engineer with 4+ years of experience in developing, improving performance, testing, and updating software. Seeking opportunities in **Software Engineer** to utilize experiences to contribute high quality, scalable products.

KEY SKILLS

- Programming language:
- Experience in:
- Knowledge of:

JavaScript | **Java** | Python | MySQL | HTML | CSS
React.js | **Angular** | Web applications | Relational Database
Hive | HDFS | Hadoop

PROFESSIONAL EXPERIENCE

Website Developer | Mustard Seed Capital LLC, Boston, MA   March. 2020 – December. 2020
Technical Skills: **Java**, **JavaScript**, **React.js**, HTML/CSS
Impact: Reduced 30% website development cost.

- Built the corporate website with web frameworks implemented.
- Completed development process and launched internally.

Healthcare Software Developer | University of Massachusetts, Boston, MA   June. 2019 – November. 2019
Technical Skills: **mobile app development,** mHealth, behavior analysis
Impact: Received 60%+ positive App reviews.

- Built a healthcare web application for elders with WXML led by Professor. Zhang.
- Analyzed end-user preference and needs in New England area to improve user engagement.

Software Engineer | Compal Electronics, Inc., Taipei, Taiwan   October. 2015 – April. 2017
Technical Skills: C, BIOS, UEFI, Legacy
Impact: Contributed to a 20+% reduction of the technical issues.

- Developed, tested, and products with cross-functional team and external support teams.
- Attained Dell XPS and Inspiron projects and directed SW team to accelerate the manufacturing process.

Data Analytics Engineer | D-Link Corporation, Taipei, Taiwan   November. 2014 – August. 2015
Technical Skills: **R**, **Data analysis**, TCP/IP
Impact: Completed internal networking technology training program for following trainees.

- Forecasted sales of products in data sets analysis and implemented algorithms to create readable data.
- Certified in D-Link Network Associate (DNA) certification.

EDUCATION

University of Massachusetts, Boston | Master of Science in Computer Science | GPA: 3.8/4.0   Graduation: December. 2019
Fu-Jen Catholic University, Taiwan | Bachelor of Science in Electrical Engineering   Graduation: July. 2015

PROJECTS

Personal Website: https://timlaitw.github.io/   October. 2020
Technical Skills: **React.js**, **JavaScript**, HTML/CSS, Responsive design
Impact: Showcases personal strengths and demonstrated dynamic resume to the public.

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

Stock Tracking Application: https://git.io/JTAIB   May. 2020
Technical Skills: **Python**, Web Crawler, Python library (BeautifulSoup)
Impact: This allows the investor to take action after receiving stock notifications.

- Built a real-time stock crawler sending a notification email to users if the subscribed stock price moves down/up than the setting.

Pizza Ordering System   September. 2019
Technical Skills: **Full-stack development**, **Relational Database** (**MySQL**), **MVC**
Impact: Created a business web application template

- Built an ordering system that handles customized pizza orders with a set of restrictions on a full-stack web application and database.