Wen-Chieh Wu

TECHNICAL LEAD · SOFTWARE ENGINEER

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Summary

Passionate problem solver, enthusiastic about software technologies, team leader with over 3 years of experience in innovative software solution development and manufacturing industry in an international environment.

Coordinate over 10 internal application development projects and play as an architect in software system architecture design. Excel in leadership, critical thinking, communication and software engineering. Strong skills in JavaScript (incl. React, React-Native, Redux, ES6), major contributor of tesseract.js (16.9k+ stars on Github) now.

Work Experience

Delta Electronics
Taipei City, Taiwan

SENIOR SOFTWARE DESIGN SUPERVISOR AT DELTA RESEARCH CENTER
Feb. 2018 - Present (1 year 6 months)

- Established a team (of engineers, designers and QA) which is a global team with 20+ members in charge of front-end development.
- Implemented working model for cross team collaboration and guidelines for engineers and designers.
- Led team to develop over 10 applications at the same time. (2 of them attract hundreds of users internally and improve work performance.)
- Implemented several API microservices in Node.js Koa and in the serverless AWS Lambda functions.
- Incubated 3 senior developers to become team leaders leading regional team members.

Delta Electronics
Taipei City, Taiwan

SOFTWARE DESIGN SUPERVISOR AT DELTA RESEARCH CENTER
Apr. 2016 - Feb. 2018 (1 year 11 months)

- Established a team of engineers which is a global team with 9+ members in charge of innovative software research and development
- Defined and promoted in-house UI framework to all front-end developers.
- Implemented RESTful API guideline to enable consistent API design across applications.

Delta Electronics
Taipei City, Taiwan

SENIOR PROJECT ENGINEER AT DELTA RESEARCH CENTER
Sep. 2014 - Apr. 2016 (1 year 8 months)

- Member of Strategy and Innovation Research team which was under CTO to do broad technology research for enterprise transformation.
- Developed application prototypes with React to demonstrate concepts to Delta senior managers (incl. CEO, CTO and COO) and got positive feedback in both 2015 and 2016.
- Operated 2 internal projects which transfers to BU/BG after incubation stage.

Academia Sinica
Taipei City, Taiwan

SPECIAL ASSISTANT
Aug. 2014

- Assisted professor's research topic

IKV Technology
Taipei City, Taiwan

SOFTWARE ENGINEER INTERNSHIP
Sep. 2013 - Aug. 2014 (1 year)

- Implemented Bitcoin wallet related features.

ETS-Lindgren
Taipei City, Taiwan

SOFTWARE ENGINEER INTERNSHIP
Mar. 2011 - May 2012

- Rewrote and enhanced signal processing algorithm and implement GUI in C#.

Education

National Taiwan University
Taipei City, Taiwan

MASTER'S DEGREE IN COMPUTER SCIENCE AND INFORMATION ENGINEERING
Sep. 2013 - Sep. 2014

- Got ACM 2014 Research in Adaptive and Convergent Systems (RACS '14) Best Paper Award (paper acceptance rate 23.5%.)

Honors & Awards

2016	**Judge,** The InnoServe Awards 2016	*Taipei City, Taiwan*
2015	**Delta Electronics Representative,** W3C Web of Things F2F Meeting	*San Francisco, U.S.A*
2014	**Best Paper Award,** 2014 Research in Adaptive and Convergent Systems (RACS '14). ACM	*Towson, U.S.A*
2014	**Speaker,** Hack in Taiwan Conference (HITCON) 2014	*Taipei City, Taiwan*
2011	**Outstanding College Youth,** Outstanding College Youth of National Taiwan University	*Taipei City, Taiwan*

Certifications

2019	**Digital Business Strategy: Harnessing Our Digital Future,** MIT Sloan School of Management
2012	**Leadership Development Program,** National Taiwan University
2012	**Cloud Computing Program,** National Taiwan University

Side Projects

Tesseract.js   *https://github.com/naptha/tesseract.js*

Contributor   *Feb. 2018 - PRESENT*

- Tesseract.js is a pure Javascript port of the popular Tesseract OCR engine. It supports over 100 languages, automatic text orientation and script detection, a simple interface for reading paragraph, word, and character bounding boxes. Tesseract.js can run either in a browser and on a server with NodeJS.
- Over 16.9k stars in Github.

VCLink Web Development   *https://vclink.com/*

Developer   *Sep 2018 – Feb 2019*

- VCLink is a co-investment platform built by VSC Ecosystem (VSC) where qualified investors can co-invest alongside VSC* and trusted anchor VCs in carefully selected early-stage deals.

FGO Calculator   *https://github.com/jeromewu/fgo-calc*

Developer   *Feb 2018 – May 2018*

- A calculator helps you to calculate the overall resource left in events.