

Lee, Wei

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Github <https://github.com/Lee-W>
Website <http://lee-w.github.io>

Education

- 2016 - 2018** **Master, Computer Science and Information Engineering**
National Cheng Kung University (Tainan, Taiwan)
GPA: 4.16/4.3
- 2011 - 2015** **Bachelor, Industrial and Information Management**
Double Major: Computer Science and Information Engineering
National Cheng Kung University (Tainan, Taiwan)
GPA: 3.77/4.0

Experience

Independent Contractor (Apr 2017 - Present)

Slice Technologies, Inc

- Develop the backend of an application in Flask with test coverage higher than 90%
- Create a CI/CD pipeline for the existing code

Project Employee (Jan 2019 - Present)

National Cheng Kung University

- Containerized and fix legacy projects (**The Mosquito Man**)

Chief Teaching Assistant (May 2018 - Nov 2018)

X-Village program, National Cheng Kung University

- Manage the executive team with 16 members
- Review the teaching proposal of Python course, "Programming Design Foundation"
- Design exercises for "Data Structure," the first section of "Computer Science Foundations"
- Lecture "Web Programming, Database/Cloud Computing," the fourth section of "Computer Science Foundations"

Substitute Military Service (July 2015 - July 2016)

K-12 Education Administration, Ministry of Education

- Maintain systems
- Develop automation programs for generating reports
- Deliver a human resource management system using Django

Technical Experience

Skill Python, Web Backend Development, Git

Project	SITW Second Hand Trade: Website for students to trade seconded goods (Develop backend using Django)
	Dengue Line Bot: Chatbot that answers dengue fever related questions (Develop backend using Django)
	vivid-bot: Paraphrasing Chinese sentences according to different personalities In this project, we used natural language processing tools such as <code>jieba</code> , <code>word2vec</code> and <code>nltk</code> and combined concepts from psychology.
	Line Echo Bot: Line Chatbot implementation using various Python Web Frameworks including Django, Flask, and Sanic
Open Source Contributions	git extras: Add <code>git ignore-io</code> command
	batavia , wtforms-json , pipreqs , pelican-clean-blog , pip-check: Bug fixes

Honors & Awards

2013	Honorable Mention 2013 Railway Application Section Problem Solving Competition
2012-2013	Outstanding Student Wei Lee - For the Academic Achievement in 2012-2013
2011-2012	Outstanding Student Wei Lee - For the Academic Achievement in 2011-2012

Publications

1. Wei Lee, Chien-Wei Chang, Po-An Yang, Chi-Hsuan Huang, Ming-Kuang Wu, Chu-Cheng Hsieh, Kun-Ta Chuang "Effective Quality Assurance for Data Labels through Crowdsourcing and Domain Expert Collaboration" 21st International Conference on Extending Database Technology, Demo Track (EDBT-2018)
2. I-Lin Wang, Wei Lee, Chiao-Yu Liao "Effective Heuristics for Scheduling Hump and Pullback Engines in Railroad Yard Operational Plans" Proceedings of the 10th Annual Conference of the Operations Research Society at Taiwan (ORSTW 2013)