

# Lee, Wei

Email [cl87654321@gmail.com](mailto:cl87654321@gmail.com)  
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 Manager (Jan 2019 - March 2019)

#### DLT Lab, 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

<b>Project</b>	<b>SITW Second Hand Trade:</b> Website for students to trade seconded goods (Develop backend using Django)
	<b>Dengue Line Bot:</b> Chatbot that answers dengue fever related questions (Develop backend using Django)
	<b>vivid-bot:</b> 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.
	<b>Line Echo Bot:</b> Line Chatbot implementation using various Python Web Frameworks including Django, Flask, and Sanic
<b>Open Source Contributions</b>	<b>git extras:</b> Add <code>git ignore-io</code> command
	<b>batavia</b> , <b>wtforms-json</b> , <b>pipreqs</b> , <b>pelican-clean-blog</b> , <b>pip-check:</b> Bug fixes

## Honors & Awards

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