

Po-Wen Lin

sres3416@gmail.com ♦ (+886)912934909 ♦ <https://julianlin549.github.io/> ♦ [linkedin.com/in/powen-julian-lin](https://www.linkedin.com/in/powen-julian-lin)

EDUCATION

National Taiwan University (NTU)

Jul. 2017 – Present

Master of Science, Mechanical Engineering | GPA 3.89 / 4.30

Taipei, Taiwan

National Taiwan University (NTU)

Sep. 2013 – Jun. 2017

Bachelor of Science, Mechanical Engineering | GPA: 3.53 / 4.30

Taipei, Taiwan

PROJECTS

Taiwan Ramen Group – Full Stack Project

Jul. 2020 – Present.

A full-stack RESTful Node and Express app made for helping users to find their favorite ramen stores around them.

- Achieved user authentication and authorization.
- Implemented email validation when users signing up and resetting passwords.
- Built full CRUD (create, read, update delete) functions on stores, reviews, and comments.
- Built RESTful routing for the full CRUD feature.
- Introduced admin role for manipulated all stores, comments, and reviews
- Implemented map API and geolocation search.
- Obtained all store information, coordinate in Taiwan through web-scraping from google map.
- Achieved responsive web design using Bootstrap4.
- Deployed full web on Heroku and MongoDB atlas.
- Used MVC pattern while designing.

Yelp Camp – Full Stack Project

Feb. 2020 – Present.

A RESTful routing web app from the Udemy course - 'The Web Developer Bootcamp' by Colt Steele. A campground website allowing users to view campgrounds then register and submit their own or discuss with other users.

- Achieved user authentication and authorization.
- Implemented flash messages responding to users' interaction with the app.
- Implemented MongoDB to store comments data and relevant information associated with users and campsites.
- Used MomentJS to show post and comment creation and update timestamp.
- Established a notification system that would notify the user when a follower posted a campground.

HowHow Parser – Backend Project

Jun. 2020 – Jul. 2020

A node app which generate spoken sentence using parsed YouTube video from famous YouTuber HowHow.

- Utilized FFMpeg to cut and merge the specified section of the video.
- Achieved file manipulation and download using Node file system.

ONLINE COURSES

Udemy course - The Web Developer Bootcamp by Colt Steele

Dec. 2019 – Aug. 2020

- Learned HTML, CSS, JavaScript, Node.js, MongoDB to create real web applications.

WORKING EXPERIENCE

Teaching Assistant, Mechanical Engineering, NTU

Sep. 2017 – Feb. 2018

- Lectured 70+ students to design and build physic models using COMSOL Multi-physics.
- Designed and graded the course assignments and course projects.

SKILLS

Programming Languages / Python, Javascript, C++

Web Dev Tools / Node.js, Express.js, MongoDB, Puppeteer (Web-Scragping), Bootstrap, Semantic UI, jQuery, Postman, JWT, Regex, HTML/CSS, Git/GitHub

Language Skills / Mandarin Chinese (Native), English (Fluent, TOEFL 109/120)