# Po-Wen Lin

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## 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 mad 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)