

Po-Chun Yang

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Education

University of California, Los Angeles (UCLA), California

Master of Science in Computer Science

Sep. 2019 – (Expect) Dec. 2020

Courses: Data Mining; Web Information Management.

National Cheng Kung University (NCKU), Tainan, Taiwan

Bachelor of Science in Electrical Engineering

Sep. 2014 – June 2018

Overall GPA: 3.63 / 4.0, last 60 GPA: 3.95 / 4.0.

Relevant Courses: Computer Organization; Operating System; Computer Algorithm; Introduction to Software Engineering; User Interface Design and Development; Big Data Analytics; Introduction to Data Structures.

Work Experience

VIA Labs, Inc., New Taipei, Taiwan

VIA Labs, Inc. is the foremost supplier of USB 3.1 Gen1/Gen2 integrated chip controllers that are driving adoption of the new SuperSpeed USB specification. <https://www.via-labs.com/>

Software Engineer Intern

July. 2018 – Aug. 2018

- Assisted in development of new product project: *USB SMART Dock*.

Content – Developed an application for the Dock, which can control a smartphone with only voice.

Task – Created the application with **Android Studio** and implemented Baidu API to achieve the goal.

Result – This application was selected by the company, and distributed as the **official version**.

Research Projects

- Integration app of trip planning and sharing on social media**

Oct. 2017 – May 2018

Content – An application, which can store trip schedules and share self-descriptions to other users.

Task – Developed the application with **Java** and used **Firebase** as the database usage.

Result – Marked as one of the distinguished graduated projects by the professors in the EE department.

- Deep learning for parking lot prediction in Tainan City**

Mar. 2018 – June 2018

Content – Predicted the quantity of automobiles and gave comparable better parking spots.

Task – Cooperated with the government to get the raw data and trained with the NN model.

Result – Rose the accuracy from 30% to 78% by tuning the parameters and selecting good features.

- Tainan treasure hunt game web app**

Mar. 2018 – June 2018

Content – A game that users can have accounts and walk around the city seeking items such as food and Tainan feature toys. Users can decorate their house pages with items they found.

Task – Implemented the websites based on **Node.js** and **MySQL**.

Result – Awarded with 4th Place (12 teams) in Web Competition and was invited to share the idea.

Honor & Award

4th Place (out of 12 teams), Web Design Competition, NCKU, 06/2018.

AirTac Academic Scholarship, Department of Electrical Engineering, NCKU.

Skill

Programming Language: C++, Python, JavaScript/html, Java

Tools: Elasticsearch, Android Studio