

Jiun-Yih (Angela) Yang

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EDUCATION

University of Southern California

Los Angeles, California

M.S. in Computer Science | GPA : 3.2/4.0

Jan 2021 - May 2023

Courses: Programming System Design, Analysis of Algorithm, Computer Networks, Information Retrieval and Web Search Engines, Database Systems, Operation Systems, Foundations of Artificial Intelligence

National Chiao Tung University

Hsinchu, Taiwan

M.S. in Chemistry | GPA : 4.05/4.3

Sep 2015 - Jun 2017

Publications: La₆Si₄S₁₇:Ce³⁺: luminescence and lighting applications of a novel green-emitting phosphor. Dalton Trans., 2018

National Chung Hsing University

Taichung, Taiwan

B.S. in Chemistry | GPA : 3.63/4.0

Sep 2011 - Jun 2015

100% exchange student funding via Taiwan Ministry of Education Scholarship

EXPERIENCE

LitePoint

San Jose, California

Field Application Engineering Intern

May 2022 - Aug 2022

- Run regression tests on QA station via **Python** and analyzed test result
- Validated and setup solution to customers' RF measurement problems
- Duplicated and debug failure issue in software and hardware

LitePoint

Taipei, Taiwan

Field Application Engineering Intern

May 2021 - Aug 2021

- Collaborated with AEs to provide technical training for customers
- Developed analyzer to analyze workload of members via **Python** with **pandas** and **numpy**
- Tested and fine-tuned new released versions of wireless application

Johnson & Johnson

Taipei, Taiwan

Supply Chain Assistant

Mar 2019 - Dec 2019

- Maintained demand plan to ensure On-Time in Full rate above 97% and conducted daily demand
- Managed the logistics process with inventory rate lower than 60 days and tracked stock via SAP

PROJECTS

QA Analysis | Python

LitePoint

Field Application Engineering Intern

May 2022 - Aug 2022

- Manipulated conditions to reproduced test for trouble shooting and provided solution
- Optimized efficiency with auto random parameter generator and run wireless RF test for QA analysis

Kernel Operation | C, Linux

USC

Operation Systems

Jan 2022 - May 2022

- Implemented multiple threads, processes, and drivers in **Linux**
- Developed virtual file system in kernel and also in a shell and managed virtual memory and V file system

Network Socket | C++

USC

Computer Networks.

Aug 2021 - Dec 2021

- Implemented multiples clients to issue requests via TCP connections
- Operated multiple servers to process messages via UDP connections
- Illustrated of the network system via Dijkstra's algorithm

SKILLS

Languages: Python, Java, C/C++, SQL, MySQL, HTML, CSS, Javascript

Tools: Matlab, Linux/Unix, GitHub Action, GitLab, Bitbucket, Jira, Node.js, Pandas, Numpy