

Yan-Ru Jhou

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EDUCATION

University of California, Los Angeles (UCLA)

Sep 2019 -

Los Angeles, California

- Master of Science in Computer Science

National Tsing Hua University (NTHU)

Sep 2014 - June 2018

Hsinchu, Taiwan

- Bachelor of Science in Computer Science
 - **GPA:** 4.09/4.3 (Overall)
 - **Ranking:** 7/126 (~ Top 5%)
 - **Honors:** Presidential Award (3 times), EECS College Scholarship

PROFESSIONAL EXPERIENCE

Software Application Engineer Intern

Mar 2019 - Present

Deep Force, Taipei, Taiwan

Deep Force is a deep learning startup dedicated to providing edge computing software libraries

- Developed websites based on Django for retail, industrial, and VIP membership management system, which led to successful customer service
- Performed software testing on websites, resulting in less errors and 50% less total deployment time
- Reduced 20% ML model deployment time by implementing automation tools and applications based on Jenkins

Software Intern

Jul 2018 – Aug 2018

Chunghwa Telecom Laboratories (CHT-TL), Taipei, Taiwan

CHT-TL is the research institute in the largest integrated telecommunication service provider, Chunghwa Telecom Co., Ltd., in Taiwan

- Developed HiCloud (cloud service) Java/Python SDK; allowed developers to build software application
- Improved front-end user portal to enhance user usability
- Tested on HiCloud Rest API to improve its security, solving privilege escalation issues caused by improper authentication

RELEVANT EXPERIENCE

PRIP Lab

Feb 2017 – Jan 2018

National Tsing Hua University, Hsinchu, Taiwan

- Data Processing and Analysis: A Study on Taiwanese Population Data Between 1974 and 2016
 - Built auto regression (AR) mathematical model with MATLAB to predict Taiwan's population

PROFESSIONAL SKILLS

Expertise: Web Development, Cloud Service Development, Agile Development, DevOps

Programming Languages: Python, Java, JavaScript, C/C++, MATLAB, Haskell (prior experience)

Web Framework: React (prior experience), Django, Node.js (prior experience)

Technologies: Jenkins, Docker, GCP