

Cheng-Han Wu

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EDUCATION

University of California, Irvine	Sep 2021 – Dec 2022
Master of Computer Science, GPA: 3.60 / 4.00	Irvine, California
Tunghai University	Sep 2015 – Jun 2019
B.E., Computer Science, GPA: 3.64 / 4.00	Taichung, Taiwan
Online Learning Platform	
Deep Learning Specialization - deeplearning.ai	Jun 2019
Deep Reinforcement Learning Nanodegree - Udacity	May 2019
Machine Learning Engineer Nanodegree - Udacity	Feb 2018

SKILLS

- **Programming:** Python, JavaScript, Java, SQL, C++, HTML, CSS
- **Toolkits/Frameworks:** ReactJS, NodeJS, Git, GCP, AWS, Linux, Docker, Flask, REST API, Scrum, OOD, MongoDB, PostgreSQL
- **Languages:** Mandarin (native), Japanese (intermediate, JLPT N1)
- **Certifications:** AWS Certified Cloud Practitioner

EXPERIENCE

Software Engineering Intern MyCareLinq <i>Remote</i>	Jun 2022 – Dec 2022
<ul style="list-style-type: none">• Implemented a WhatsApp like real-time messaging feature on the webapp based on ReactJS, socket.io and MongoDB.• Improved the SEO ranking of the company on the Internet by developed the blog system for the website.• Crafted a responsive official landing website using ReactJS, NodeJS, Tailwind CSS, and Ant Design.	
Frontend Engineering Intern Memopresso <i>Taipei, Taiwan</i>	Oct 2020 – Mar 2021
<ul style="list-style-type: none">• Reduced censorship work time by 70% by developing a content uploading web application with ReactJS, MySQL, and the service of Google Cloud Platform.• Designed and developed a prototype Augmented Reality system using WebAR and applied object recognition algorithms with vector similarity search to increase image matching speed by 50%.• Boosted company recognition and engagement by building a product website collaborating with the marketing team.	
AI Product Bootcamp Participant Cinnamon AI <i>Taipei, Taiwan</i>	Jul 2020 – Aug 2020
<ul style="list-style-type: none">• Coordinated with a team of 3 developers during the contest, and applied Scrum management principles during the AI Product Bootcamp competition.• Earned 1st place in the product launch competition through diligent work, leadership, and development.	

SELECTED PROJECTS

Lottery Number Picker	Sep 2021
<ul style="list-style-type: none">• Designed an automatic web parser system using GCP Cloud Scheduler and Cloud Function to parse the latest winner number from the lottery website.• Composed GCP Cloud Function, Firebase Datastore as a serverless backend to provide API services for my NextJS Frontend website.	
Aqua Lighting IoT Project	Nov 2018
<ul style="list-style-type: none">• Designed and developed an intelligent IoT system using AWS Lambda, DynamoDB, and AWS IoT and interfaced it with iOS and Android applications• Implemented a real-time device monitoring system using AWS IoT with MQTT Protocol to receive the status sent from the ESP32 microcontroller.	

HONORS & AWARDS

2018 Artificial Intelligence Cup Award, Honorable Mention <i>Ministry of Education, Taiwan</i>	Mar 2019
<ul style="list-style-type: none">• Utilized BiLSTM (Bidirectional long short-term memory) model with GloVe word embedding using Flair framework to solve Named Entity Recognition (NER) tasks in Biomedical papers; received 6th out of a total of 75 teams.	