

Ya-Chen (Angel) Hsieh

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Education

Queens College, City University of New York | Flushing, NY

Expected Jan 2025

Master of Arts in Computer Science

Fu Jen Catholic University | New Taipei City, Taiwan

May 2015

Bachelor of Business Administration in Statistics & Information Science

- **Distinguished Award** of Excellent Graduation Project Competition

Professional Experience

Walnutek Technology Co. Ltd. | Taipei, Taiwan

Jan 2022 – Dec 2022

Project Manager

- Proficient in utilizing **JIRA** to monitor and manage team velocity
- Facilitated and optimized communication between users and cross-discipline teams

Taiwan Life Insurance Co., Ltd - CTBC Financial Holdings | Taipei, Taiwan

Aug 2019 – Aug 2021

Software Engineer

- Architected, developed, and deployed **Docker** infrastructure across **3 servers**
- Developed a **Linux** service monitoring **Script** to ensure the startup and continuous monitoring of services
- Designed and developed a Smart Claims-Diagnostics System in **Python**, incorporating **PyTorch**, **TensorFlow**, and utilizing Bilstm, Bert, and Albert NLP models. Achieved a **94%** accuracy rate and reduced **weekly specialist man-hours by 10**
- Implemented a Flask-based **API** to deliver OCR, NLP, and other associated services
- Designed a **Git** workflow for a newly established team, resulting in a **70%** reduction in team errors

Additional Education

Certificate in Intro to Cybersecurity | New York City, NY

Sep 2023 – Dec 2023

CodePath

- Gained proficiency in Cybersecurity, including password encryption, Network Security (IP/DNS vulnerabilities, Metasploit penetration testing), Malware Analysis, Data Governance (metadata, steganography, data acquisition), Social Engineering (spoofing, phishing, Linux SET library)

Certificate in Artificial Intelligence Training in Smart Health | Taichung, Taiwan

June 2021 – July 2021

College of Industrial Technology Research Institution

- Gained foundation in the fundamentals of biomedicine, complemented by an understanding of Biomedical Imaging, such as **DICOM** principles and applications

AI Innovation Application Development Camp | Taipei, Taiwan | [GitHub](#)

Dec 2018 – June 2019

Institution for Information Industry

- Designed and developed a conceptual full-stack shopping cart system using **HTML**, **JavaScript**, **Node.js**, **MySQL**
- Created a self-driving model car using DonkeyCar, **OpenCV**, **Raspberry Pi**, and **Linux**, achieving a **92%** accuracy rate in road sign detection and obstruction detection
- Developed a conceptual facial recognition time clock-in system using **OpenCV**, **Raspberry Pi**, and **MySQL** database integration

Technical Skills

Languages: Python, C/C++, Java, SQL, HTML5/CSS, JavaScript, Node.js, Shell Script

Databases: Microsoft MySQL, MariaDB, MongoDB, Redis

Frameworks: TensorFlow, PyTorch, Keras, scikit-learn, JQuery, Bootstrap, Express-handlebars, OpenCV

Others: AWS, GCP, Docker, Linux-Ubuntu, Raspberry Pi, JIRA, Scrum, Git, MS Excel