

CHING-KUNG LIN

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EDUCATION

Queens College, City University of New York (CUNY)

Queens, NY

Bachelor of Science, Computer Systems

Expected to graduate in Dec. 2022

Relevant Coursework:

Discrete Structures and Algorithms, C++ Programming, Database Fundamentals, Java, Data Structures, Computer Organization

SKILLS

Programming: C, C++, HTML/CSS, Python, JavaScript, Node.js, Express, Java, SQL

Certificate: Azure Fundamentals (Mar. 2022); AWS Certified Cloud Practitioner (May 2022)

Languages: English, Mandarin

PROJECTS

[Mask Detection \(Python, Machine Learning\)](#)

Feb. 2021

- Used camera and Python machine learning algorithms to detect if users wear a mask!

[Course Enrollment Application \(JavaScript, Node.js, replit, Html, EJS, CSS\)](#)

Mar. 2021

- The application includes User Management, Course Management, and Enrollment Management.

[Portfolio \(JavaScript, Html, CSS\)](#)

Jun. 2021

- Provided professional information about an individual and the detail of working projects.

[Flix App \(Swift, iOS, Movie Database API\)](#)

Aug. 2021

- Flix is an app that allows users to browse movies from the Movie Database API.

[Stock Analysis \(Python, Jupyter Notebook\)](#)

Oct. 2021

- Analyze stock and perform technical analysis to see if the stock is good to buy or sell.

EXPERIENCE

Industrial Technology Research Institute, Taiwan

Jun. 2022 – Present

Front End Developer Intern

- Create over 30 pull requests and solved over 300 issues.
- Fix over 1000 vulnerability issues, including XSS attacks and potential code injection.
- Developed using HTML/CSS, jQuery, and JavaScript to enhance functionality and user experience on apps.

CUNY Tech Prep, New York City

Aug. 2022 – Present

Data Science Fellow, Cohort 8

- Learn industry best practices for exploratory data analysis (EDA), feature engineering, data collection and processing, statistical modeling, data visualization, machine learning techniques, data science process, and big data.
- Learn in-demand technologies (Python 3, Jupyter Notebooks, Pandas, NumPy, Scikit-learn, and SQL)

CodePath, New York City

Aug. 2021 – Dec. 2021

Tech Fellow

- Trained for six months and earned a certificate in iOS development.
- Learned Swift and used Xcode to develop four iOS apps.

Microsoft Taiwan, Taiwan

Aug. 2017 – Sept. 2017

Project Intern for IoT Tech Expo

- Assisted instructors in preparing twenty booths for an international conference
- Being a tour guide and introducing the coordinated Azure clients' booths for visitors at IoT Tech Expo 2017

53rd Taiwanese Army Engineer Group, Taiwan

Jun. 2012 – Jun. 2017

Company Commander

- Assisted in the rescue operation of TransAsia Airways flight 235 in Keelung River, Taiwan, saving the time of operation significantly and efficiently.
- Planned and executed the combat missions of 140 personnel in military exercises from 2015 – to 2017.