

Chen-Ni Lin

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EDUCATION

Master of Computer Science

Arizona State University, Tempe, AZ

May 2024

GPA: 3.56 / 4.0

TECHNICAL SKILLS

Programming Languages: Experienced in Python, Java, C#, and SQL

Tools: Hands-on experience with Microsoft Azure and Amazon Web Services

Frameworks: Experience with .Net Framework, Django frameworks and Spring Framework

WORK EXPERIENCE

Software Engineer, OpenNet, Taipei, Taiwan

November 2020 - January 2021

- Reduced costs by \$35000 by implementing a risk control function and designing a MySQL database schema, developing REST APIs using Java and operating Microservices Frameworks.
- Collaborated with 20 developers and managers to incorporate innovative features into Microservices systems hosted on Amazon Web Services.

Backend Engineer, Garena, Taipei, Taiwan

July 2020 - September 2020

- Delivered back-end applications for over 50M daily active users in Python and Django development environments.
- Optimized applications to handle up to 100K operations per second for maximum performance by utilizing Redis, Nginx Proxy Cache, OpenResty and Lua.

INTERNSHIPS EXPERIENCE

Software Engineer Intern, Microsoft, Taipei, Taiwan

July 2018 - January 2020

- Delivered an MLOps lecture at Microsoft & Study4 .Net Conference, and became the youngest lecturer.
- Developed and showcased a bread defect identification Machine learning application, securing a contract between a renowned food company and Microsoft.
- Gathered customer feedback to guide product improvements to increase customer satisfaction by over 30% and lower rework costs.
- Enhanced the user experience and aesthetics of the bank printing system application by refactoring the React.js code.

PROJECTS

Data Analysis

January 2023 - April 2023

- Performed PCA and autoencoder dimensionality reduction techniques on the Covtype dataset to compare classification results with a KNN classifier using a randomly selected subset of features.
- Led a team of three in predicting earthquake data using RNN and Noisy RNN and presented the results along with performing briefings.

Software Development

October 2022 - April 2023

- Generated an ERC-20 token standard smart contract on the Ethereum blockchain enabling secure and efficient transactions with a test Ethereum value of 2.
- Created an interactive data visualization using D3 and JavaScript. The project displayed input text data in a donut and bar chart.