

# JUI-WEN CHIANG

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## SUMMARY

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Software developer with 2 years of full-stack experience. Specialized in frontend, UI/UX, and NLP. At a intelligent automation company, built scalable components and improved delivery time by 60%. Passionate about crafting user-focused web applications and engineering efficiency. Self-taught modern NLP techniques and frontend frameworks to build full-featured applications with measurable user impact.

## HIGHLIGHTS OF QUALIFICATIONS

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- Reduced redundant development by 50% through creating scalable components.
- Participated in feature requirement design, reducing development time by 50%.
- Collaborated across departments while utilizing SQL to extract raw data from dashboards.
- Trained and fine-tuned Traditional Chinese Natural Language Processing(NLP) models
- Skilled in VueJS, React, JavaScript, Python, Tensorflow, Bert NLP, Flask, SQL, HTML, CSS, Figma.

## EXPERIENCE

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### Assistant Software Engineer

May 2022 - October 2024

MIRLE Automation Corporation, Taiwan, <https://www.mirle.com.tw/en/>

- Utilized Python for training NLP models and integrating backend data.
- Saved up to 30% of Developer's time by handling communications with 3 cross-functional teams to deliver creative solutions for a project.
- Ensured quick understanding through concise and well-structured communication skills.
- Assessed the feasibility of customer requirements and implemented elements collaboratively.
- Identified and resolved issues proactively using problem-solving and debugging skills.
- Participated in the functional design process and solved operational problems.
- Developed a high-performance, flexible, scalable platform with robust security.
- Utilized Python for connecting to the front end and verifying the back end data content.

## SIDE PROJECTS

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### Deep Heart

January 2022 - March 2022

AI Smart Application Development Practical Training Course, Taiwan

- Trained and fine-tuned Traditional Chinese Natural Language Processing(NLP) models.
- Utilized BeautifulSoup for data processing improves NLP models accuracy by 50%.
- Designed and created dashboards using Tableau, reducing users' data search time by 40%.
- Created a Line bot auto-reply system to provide users with an alternative operating interface.
- Utilized Figma for designing user interfaces for mobile applications.

## EDUCATION

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### Computer Programming Advanced Diploma

January 2025 - April 2026

George Brown College, Toronto