

# Cheng-Ju Shih

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## EDUCATION

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### National Taiwan Normal University (NTNU) Sep. 2023 - Present

- Major in *Electrical Engineering*, double major in *Computer Science*
- Overall GPA: 4.05/4.30 (up-to-date)
- Selected Courses: Computer Programming 2023 Fall (**A+**), Software Engineering 2024 Fall (**A+**), Data Structure 2024 Fall (**A+**)

## PROJECTS

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### EduBridge – AI-based Teaching Platform [GitHub Repo](#)

- Led backend development for an AI-integrated learning assistant platform commissioned by *Academia Sinica*.
- Tech: Python (Flask), MySQL, Docker, JWT, GitHub Actions.

### StockMatch – LLM-Powered Stock Persona Platform [GitHub Repo](#)

- Finalist (Top 5 out of 130+ teams) at *Hack to the Top 2025*, developed an AI-powered stock recommendation platform that generated personalized personas using GPT-4 and structured financial data.
- Tech: SvelteKit, TypeScript, Firebase, Python (ETL), Vercel CI/CD, Google SSO.

### Smart Surveillance – AI-Driven Anomaly Detection

- CIR Lab research on real-time abnormal behavior detection from video, advised by *Prof. Chen-Chien (James) Hsu*.
- Tech: PyTorch (3D CNN), OpenCV, Python, edge-optimized deployment.

## HONORS & AWARDS

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- **Hack to the Top 2025 – Jim Quant Capital Special Award**

- **AIS3 (Advanced Information Security Summer School) 2019 – Silver Award**

*Received Silver Award for outstanding performance in practical cybersecurity challenges and CTF competitions during Taiwan's premier infosec training camp.*

## ADDITIONAL

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### Languages

- **Native / Proficiency:** Mandarin
- **Professional Working Proficiency:** English