MARIAN CHEN

+31 6 44585087 ◇ Maastricht, NL

marian.chen@student.maastrichtuniversity.nl ◇ linkedin.com/in/chen-marian ◇ marian-chen.github.io

EDUCATION

BSc Data Science & Artificial Intelligence, Maastricht University, The Netherlands — Expected 2024
Relevant Courses: Graph Theory; Linear Programming; Machine Learning; Theoretical Computer Science
Awards: Nutanix Advancing Women in Technology Scholarship 2023 (1 of 10 recipients)
GPA: 9.0/10.0 (NL) | 4.0 (US)

Short Academic Program in Artificial Intelligence & Machine Learning, University of Oxford, UK — 2023
Relevant Topics: Generative Models, Reinforcement Learning, Graph Neural Networks
Grade: A+

SKILLS

Languages	Python, Java, SQL, R, MATLAB, C, C++
Tools	PyTorch, NumPy, Matplotlib, OR-Tools, NetworkX, Gym, Pandas, Seaborn
Soft Skills	Problem-Solving, (Intercultural) Communication, Delegation, Leadership
Academic Interests	Combinatorial Optimization, Graph Neural Networks, Deep Reinforcement Learning

WORK EXPERIENCE

Research Intern — Apr 2023 - Present
[Aucos AG](#) — *Aachen, DE*

- Developed a constraint optimization model to improve packing processes in manufacturing centers.
- Programmed software for depth estimation, multi-camera multi-object tracking, and object detection.

Data Analytics Intern — Sep 2022 - Feb 2023
[HBI Bisscheroux BV](#) — *Geleen, NL*

- Developed a dashboard for monitoring room quality and device readings; includes a mobile extension.
- Implemented an anomaly detection pipeline for hardware failure; discovered 3 malfunctions within 2 days.
- Devised an ETL pipeline, data dictionary, and data governance framework for AWS data lakes.

International Relations Intern — Apr 2021 - Aug 2021
[Taipei City Mayor's Office of External Affairs](#) — *Taipei, TW*

- Managed the communications channel with delegates from 80 foreign embassies/companies in Taipei City.
- Published social media posts in English, Mandarin, German, and Spanish for the mayor and deputy mayors.
- Organized meeting agendas and collaborations with 3 sister cities.

EXTRACURRICULAR ACTIVITIES

[Faculty of Science & Engineering](#) Student Council Chair & Student Assessor — Served two years as one of two student members on the Faculty Board alongside the Dean and Director. Represented 3,200+ students from 12 study programs and directed communication between 36 student representatives from 8 representational bodies of the faculty. Organized and chaired monthly Student Council meetings. Served as the project manager and co-head organizer of a faculty-wide gala organized within 3 months with 730 guests, a €25k budget, and €6k in profit. Delegated and launched student representation infographics, increasing student turnout in elections by 21%.

[Science & Engineering Association Limburg](#) Internal Commissioner & Co-Founder — Served one year as a board member of the faculty-wide umbrella study association and as a liason for 6 program-level study associations. Directed the Career Exploration Series that connected 50 participants with industry experts and academics.