

Axel Agelii

🌐 <https://aagelii.github.io>

in aagelii

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EDUCATION

University of Wisconsin- Madison

Madison, WI

- *Bachelor of Science in Computer Science; GPA: 3.7*

Sep. 2020 – May 2022

Relevant Coursework: Data Structures and Algorithms, Computer Architecture, Operating Systems, Artificial Intelligence, Database Management Systems

The Woodlands High School

The Woodlands, TX

- *High School Diploma; GPA: 3.8*

Aug. 2016 – May 2020

EXPERIENCE

National Communication Commission

Taipei, Taiwan

- *Translator and Researcher*

July 1, 2019 - Aug. 9, 2019

- Research assistant that digested materials on 5G and AI policies in foreign countries to aid the Taiwanese Government in policy reports.

American Robotics Academy

Spring, TX

- *Teacher and Trainer*

Apr. 2018 - Mar. 2020

- Managed a group of 5-15 kids in building personal robots, from building to programming
- Trained new teachers on basic robotics knowledge and how to handle kids

PERSONAL PROJECTS

Python Trading Bot

- Worked with the OpenAI Gym gym-Anytrading for Reinforcement Learning Trading
- Trained a Trading Bot with Python Reinforcement Learning using Stable Baselines
- Used Marketwatch trading data of different companies for training

Personal Portfolio Website

- Personal website that contains many of my projects; Written in HTML/CSS/JS

PROGRAMMING SKILLS

- **Languages:** Python, C/C++, HTML/CSS, Javascript, Kotlin, SQL, Java, LATEX
- **Libraries:** React, NumPy, Pandas
- **Other:** Bash, Git

FOREIGN LANGUAGES

- Proficient in Mandarin Chinese
- Basic Taiwanese