

# Axel Agelii

🔗 <https://aagelii.github.io>

in aagelii

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## EDUCATION

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### University of Wisconsin- Madison

Madison, WI

- *Master of Science in Computer Science*

*Sep. 2022 – 2023*

### University of Wisconsin- Madison

Madison, WI

- *Bachelor of Science in Computer Science; GPA: 3.702*

*Sep. 2020 – May 2022*

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

### The Woodlands High School

The Woodlands, TX

- *High School Diploma; GPA: 3.8*

*Aug. 2016 – May 2020*

## EXPERIENCE

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### 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

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### 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

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

## FOREIGN LANGUAGES

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- Proficient in Mandarin Chinese
- Basic Taiwanese