



# MATTHEW AO

U OF T COMPUTER ENGINEERING '24

## ABOUT ME

I'm a student and web developer who's passionate about AI, brain-computer interfaces and politics. I love developing beautiful websites for companies and organizations. I recently co-founded Hill Hacks, YRDSB's first high school hackathon.

## FIND ME

Website [matthewao.com](http://matthewao.com)  
Email [aoruize.matthew@gmail.com](mailto:aoruize.matthew@gmail.com)  
LinkedIn [linkedin.com/in/matthew-r-ao/](https://linkedin.com/in/matthew-r-ao/)  
GitHub [github.com/aoruize](https://github.com/aoruize)  
DevPost [devpost.com/aoruizemattthew](https://devpost.com/aoruizemattthew)

## EXPERIENCE

### FREELANCE WEBSITE DEVELOPER | JULY 2019 - PRESENT

- Completely self-taught HTML, CSS and Javascript over the summer of 2019
- Developed [rollntea.com](http://rollntea.com), [stardancecentre.com](http://stardancecentre.com), [rhhs.pyglass.com](http://rhhs.pyglass.com), and [conchordium.org](http://conchordium.org)

### CO-FOUNDER & CO-DIRECTOR | HILL HACKS | MAY 2019 - JUN 2020

- Co-founded YRDSB's first high school hackathon, to be hosted at Richmond Hill HS
- Acquired \$6,000+ of funding from YRDSB and SHSM; acquired partnerships with Shopify, Microsoft, ICTC Canada and more; built [hillhacks.ca](http://hillhacks.ca)
- Directed team of 17 students split into Event Coordination, Marketing, Outreach, Finance

### VICE PRESIDENT | RHHS TED-ED CLUB | DEC 2018 - JUN 2020

- Organized officially licensed, independently organized TEDx Events at Richmond Hill H.S.
- Acquired \$1500.00 government grant for most recent event, TEDxYouth@RHHS Legacy
- Event photos can be found under the Portfolio section at [matthewao.com](http://matthewao.com)

### MACHINE LEARNING INTERN | CIENET TECHNOLOGIES | JUL - AUG 2019

- Interned at [cienet.com](http://cienet.com), a leading global technological consulting firm
- Wrote object-detection and reinforcement learning script to aid in the development of a self-driving vehicle agent in CARLA 0.9.3, an autonomous vehicle simulator

## AWARDS

- Best Machine Intelligence Hack, PCHacks 2019
- Best Hardware Hack, MasseyHacks V 2019
- 2nd Place, American Protege International Piano Competition 2019; performed at NY Carnegie Hall
- 1st Place ARCT, North York Music Festival 2018
- 2nd Place, WolfHacks Hackathon 2018

## SKILLS

- OOP in Java and Python
- HTML, CSS, Javascript
- Graphic Design
- Leadership and Event Planning
- Public Speaking
- Performing Arts in Piano and Magic