Gerald Wang

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Current Freshman at University of Toronto, Computer Science Specialist

ACADEMIC HIGHLIGHTS

Edgemont High School GPA: 5.59 (out of 5.0 weighted), top 10% in grade

SAT exam: Reading/writing - 740 | Math - 800

AP exams: Computer Science A, Principles - 5 | Biology - 5 | Chemistry - 5 | Physics C: Mech - 5

TECHNICAL SKILLS

Programming languages: Java, Python, JavaScript, HTML, CSS

Software development: Object Oriented Design, React JS, React Native, VS Code IDE, Eclipse IDE, Git

LEADERSHIP EXPERIENCE

Sidney Smith Commons Registered Study Group Leader, U of T   *Sept. 2022 - present*
- Leader for 3 study groups of 8 people each, PHY151, CSC110, MAT137. Plan and run meetings that facilitate collaborative learning and form strong bonds between group members

G.O. (Student Government) Co-Leader, Edgemont High School (EHS)   *Sept. 2018 - June 2022*
- Weekly Monday meetings; Planned/organized events to raise school spirit; Raised money for charity; Organized entertainment; Collected feedback to improve student life. At the end of the 2021 - 2022 school year, although limited in planning events by the pandemic, we were able to raise $700 to UNICEF in support of children in Ukraine

EHS Fencing Club Co-founder and Coach   *Sept. 2021 - June 2022*
- Proposed and obtained approval for the club after 3 years' effort; Planned logistics; Coaching teammates every Thursday and Friday: 15 min warmup, 30 min footwork, 30 min fencing

Zuckerberg Institute Post Pandemic Task Force Project Architect   *March 2021 - Sept. 2021*
- Worked with the owner of a local business - Golden Krust White Plains - to help them recover from pandemic. Focused on media (news, flyers, social media) and local events. See featured story

OTHER EXTRACURRICULAR ACTIVITIES

UofT LearnAI   *Oct. 2022 - present*
- Introductory AI/ML course run by UofT AI. 8 week class period, 6 week collaborative group project period. Includes NumPy, Pandas, classification, regression, neural networks, computer vision, natural language processing

Programming Projects   *2015 - present*
- **Java**: Minecraft mod with new foods, weapons, mobs, blocks; Wrote a counting bot that incorporates multithreading; Made a 2-D game with friends where the player pets as many dogs as possible under time pressure
- **Python**: Wrote a couple of web scrapers to watch products on EBay and Amazon
- **React Native**: Learned React Native through *Fullstack React Native*; built some template projects. Currently planning future projects

- TI Basic: Made Snake, Pong games; Wrote a quadratic formula solver

Cornell University eCornell Web Design and Development Certificate Program *June 2022 - Aug. 2022*
- 6 2-week courses; Multiple projects incorporating the HTML, CSS, and JQuery skills taught in the course to make websites that are inclusive to the target audiences' learning styles, cultural backgrounds, and computer self-efficacies

Columbia University's Science Honors Program Participant *Oct. 2021 - April 2022*
- Selected into the program (out of 1800+ applicants). Took Introduction to Algorithms class and Virology in spring

Volunteering

University of Toronto Notetaker for Accessibility Services: Volunteering to upload class notes to assist fellow students who live with a disability with achieving academic success. *Sept. 2022 - present*

White Plains Hospital Volunteer: Worked alongside nurses and doctors in the nursing unit to help care for patients *March 2019 - March 2020*

Letters of Love: Wrote letters to the elderly in the local community to brighten their day *Fall 2020*

Hobbies

Competitive Foil and Saber Fencer: Nationally ranked C21 in Foil and E21 in Saber fencing in the USA *Summer 2016 - present*

International Latin Ballroom Dancer: Dancing in local showcases and competitions in open gold and open silver categories with coach *Sept. 2017 - present*

Origami: Experimented with creating different shapes and models with paper and post-it notes. Created a [YouTube guide](#) on an original design *Fall 2019 - present*

AWARDS & CERTIFICATES

John Leyerle/Plum Foundation Scholarship, University College, University of Toronto	*Oct 2022*
eCornell Web Design and Development Certificate, Cornell University	*Aug 2022*
AP Scholar Award with Distinction, College Board	*May 2022*
Cum Laude Society, Top 10% in grade based on GPA, Edgemont High School	*Sept. 2021*
Brandeis Book Award, Edgemont High School	*June 2021*
AP Scholar Award, College Board	*May 2021*
National Latin Exam Cum Honore Maximo Egregio (perfect score)	*May 2021*
National Latin Exam Book Award	*May 2021*
USA Fencing All Academic First Team	*2020, 2021*
USA Fencing All American Foil Second Team	*2020, 2021*
USA Fencing All American Saber Honorable Mention	*August 2021*
National Latin Exam Summa Cum Laude	*2018, 2019, 2020*