

Manu (Joshua) Li

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EDUCATION

Appleby College

Academic Average: 96%

Optimates: 2021, 2020, 2019, 2018

Academic award for students with an 85% or above average at the end of each school year

Oakville, ON

June 2024

Publications:

¹Li, Manu. *Research on the Comparison of Nuclear Weapon Test Methods*, SPIE, September 2022

²Li, Joshua. *The Connection between the Effectiveness of the N95 Masks, and the Process of Recharging Them*, Journal of Student Research, January 2021

EXPERIENCES

Junior English Practice - RCI Senior Group

Volunteer Teacher

Virtual

Nov 2020 – January 2023

- Teach private English lessons to seniors using dialogues, sentence structuring, and senior-targeted teaching methods
- Coded a RCI Senior Group English teaching website to store recorded dialogues in a database, allowing seniors to easily access and review previous lessons; designed with Adobe XD and programmed with HTML, CSS, and JavaScript
- Received Volunteer of the Year award and represented student volunteers in a RCI 10th anniversary interview video

Engineering Summer Academy at Penn

UPenn summer program student

Philadelphia, United States

July 2022 – Aug 2021

- Learned how to approach coding problems and devise an organized solution with many layers; finished with 4.0 GPA
- Programmed 10+ recursive coding problems, including Sierpinski's triangle, recursive powerset, and recursive eval
- Utilized NumPy and Pandas to clean, graph, analyze, and draw conclusions on data regarding the 2021 NBA finals

Monolog

Software Engineer Intern at Monolog, an early-stage startup

Virtual

June 2022 – Sep 2022

- Built a validation system to authenticate user's name, email, gender, and pronouns with JavaScript regular expressions
- Designed the UI and UX for the Monolog onboarding page in a testing environment with React-Native and Typescript
- Participated in formal code reviews with senior developers, received feedback on code review procedures in a team

LEADERSHIP & COMMUNITY INVOLVEMENT

Appleby College Senior One Leader Club, *Senior One Leader*

Sep 2022 – Present

- Help a group of 8 new Grade 7 students integrate into the social and academic aspects of a high school environment
- Collaborate within the Senior One Leader Club to plan Middle School events such as Home-form Cup Competition

Appleby College Entrepreneurial Club, *Entrepreneurial Club Member*

Sep 2022 – Present

- Design a website to digitalize Appleby's lost and found system, thereby making item finding process more convenient
- Enables staff to upload pictures of lost items so students can check for their belongings anytime; features include differentiated student-staff login, filtering by category, Student ID claiming, and an item tagging/tracking system

Appleby College Student Ambassador Club, *Student Ambassador*

Sep 2020 – Present

- Led 25+ tours to families visiting Appleby and volunteered at events such as Welcome Back BBQ and Open Houses
- Represented Appleby at the Oakville Private School convention and answered inquiries in a fast-paced environment

ADDITIONAL INFORMATION

Skills: Intermediate level in JavaScript, CSS, HTML, React Native, Typescript, Adobe XD, Fluent in Python and Java

Interests: Traveling (10+ countries), Graphic Design, Cinematography and Photography, Ping Pong, Statistical Research

¹<https://www.spiedigitallibrary.org/conference-proceedings-of-spie/12261/122615E/Research-on-the-comparison-of-nuclear-weapon-test-methods/10.1117/12.2639670.short?tab=ArticleLink&SSO=1>

²<https://jsr.org/hs/index.php/path/article/view/1502>