

## Education —

### Bayview Secondary School

*International Baccalaureate Diploma*

Richmond Hill, Ontario

*September 2017 - Present*

- **Relevant Courses** - Chemistry (HL), Economics (HL), English (HL), Biology (SL), Calculus (SL), French (SL), TOK (SL)
- **Academic Performance** - Honour Roll (2017 - Present). Junior year weighted average: 96.43%
- **Alternative Coursework and Certification** - Harvard CS50x (edX) , Stanford Machine Learning (Coursera)

## Experience —

### St. Michael's Research Centre

*Keenan Research Summer Student*

Toronto, Ontario

*June 2019 - July 2019*

- Volunteered with research combining virtual assistance and AI to create polypectomy simulations for gastrointestinal medical residents at University of Toronto
- Assisted with file coordination and conducted roleplay scenarios to stimulate hospital environment

### Baylor Scott and White Health

*Summer Intern*

Dallas, Texas

*August 2019*

- Shadowed physicians working in fields of trauma, cardiovascular diseases and internal medicine
- Assisted physicians with rounds each day

### The York Region Presidents' Council

*Prime Minister*

York Region, Ontario

*September 2018 - Present*

- Leads conceptualization and execution of monthly general assemblies and bi-yearly student outreach meetings attracting 1000+ students from 33 secondary schools across the York Region District School Board
- Grew event attendance by 5,500% and social media touchpoint interactions by 4,500% over 2 years
- Created sponsorship materials, collecting total \$3000 worth of donations

## Projects —

### Ryde- Autonomous Vehicles. Democratized | [Learn More](#)

[Website](#)

- Currently developing open-source self-driving software
- Leverages bluetooth to interface OBD-II and LKAS data with a smartphone application

### Polyp Detection | [Learn More](#)

[Github Repository](#)

- Leveraged convolutional neural networks with an accuracy rate of 93% (20% higher than industry)

### Apple Stock Prediction | [Learn More](#)

[Github Repository](#)

- Used an LSTM Network to predict Apple Stock Prices with an accuracy rate of 98.3%

### Sidewalk Labs Consulting Recommendation| [Learn More](#)

*[November 2019 - February 2020](#)*

- Created innovation plan to reduce household expenditures through shared economics and an end-to-end platform that monetizes personal assets (presented at Sidewalk Labs headquarters to C-level team)

### Kidogo Consulting Recommendation| [Learn More](#)

*[March 2020 - April 2020](#)*

- Increased mamapreneur profits with community sensitization workshops, sack farming pilot programs, revamped the curriculum research and development process and expedited strategic partnership contracts

## Skills Summary —

- **Programming Languages** - Python, HTML, CSS, Javascript, C/C++
- **Platforms and Technologies** - Tensorflow, NumPy, Pandas, Scikit-Learn, Git
- **Miscellaneous Skills** - Guitar, Cooking, Hockey, Writing