

Ines Qian

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386 Yonge St., Toronto, Ontario, M5B 0A5

EDUCATION

Bachelor of Applied Science

2020-Present

University of Toronto, Toronto

cGPA: 3.93

Major in Computer Engineering; Minor in Engineering Business

Related Courses: Linear Algebra, Calculus I&II, C programming language, Electrical Fundamentals, Mechanics, Dynamics, Engineering Strategies and Practice I&II, Marketing, People Management

PROFESSIONAL SKILLS

- **Technical Skills**
 - **Microsoft Office Suite:** Excel, Word, and PowerPoint
 - **Programming Languages:** C, C++, NEURON, Verilog, MATLAB, Visual Basics
 - **Adobe Creative Suite:** After Effect, Photoshop
 - **Project Management:** GanttProject
 - **Data Analysis:** Fathom
- **Languages**
 - Fluent in English and Mandarin

RELEVANT EXPERIENCE

Undergrad Research Assistant

Apr 2021 - Present

N2B CNET • Neuron to Brain Laboratory at the Krembil Research Institute

- Investigated the principle behind computational neuron models and their practical uses.
- Reported the findings in the form of presentation to a team of seven weekly.
- Collaborated with a group of three and developed a neuron simulation, using NEURON programming language, with research focus on the density and locations of ion channels.

Contact Person & Team Member

Jan 2021 - Apr 2021

Engineering Strategies and Practice II • University of Toronto

- Designed a body hydration measuring device for the client with a group of six.
- Carried out an in-silico sensitivity exam that involved testing the prototyped device on a circuit simulation of human body tissues.
- Led major and formal communications between the team, the engineering manager and the client for meeting scheduling and achievement presentation.

Team Leader

Sep 2020 - Dec 2020

Engineering Strategies and Practice I • University of Toronto

- Led a five-student-based team to design a basement lighting system for the client.
- Scheduled meetings and set internal deadlines on MS Teams to let the team pace well.
- Organized meeting documentations to present a neat revision record to the client.

EXTRA-CURRICULAR ACTIVITIES & VOLUNTEER WORK

EngLEARN Facilitator

Jan 2021 - May 2021

EngLEARN (Leaders Engaged in Academic Review & Networking) • University of Toronto

- Arranged weekly meeting to provide academic support for peer students.

- Motivated students from the same discipline to network and help each other.
- Managed the announcement system to schedule meetings and organize the documentations for the meetings.

Math Tutor

Apr 2019 - Jun 2020

Bayview Euclid Club • Richmond Hill, Ontario

- Tutored approximately ten club members every week in preparing for the Euclid Contest.
- Prepared teaching materials and handouts based on past contests and exercises with related topics.

General Committee Member

Sep 2019 - Jun 2020

Bayview Relay for Life • Richmond Hill, Ontario

- Advocated the event in school to raise money for the cancer society.
- Planned and run the kickoff meetings to hire participants.
- Making posters by using Photoshop.

AWARDS, CERTIFICATES, AND HONOURS

TD Bank Higher Education Award	2020
Dean's Merit Award	2020
Hidi Award At the University of Toronto	2020
Grade12 Departmental Subject Award- Mathematics	2020
Grade12 Departmental Subject Award- Science	2020
2019 Canadian Senior Mathematics Contest Top 25%; Group III Honour Roll	2019
2019 Canadian Senior Mathematics Contest School Champion	2019