

Karen Ng

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Portfolio: <https://school.skule.ca/portfolio/>

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Education

Currently Attending the *University of Toronto* for a *BASc in Computer Engineering*
Certificate in *Mechanical Techniques* from *George Brown College* (Class of 2017)

Skills

Fluent in Adobe Photoshop, SolidWorks, MasterCAD, Canva.

Fluent in MS Office Suite and Google Docs Editors suite.

Comfortable Machining and Welding.

Comfortable using both filament and resin 3D printers.

Coding experience in Python, C, C++, Verilog, and Assembly language.

Speaks fluent Cantonese-Chinese and English.

Public Speaking and Presenting.

Have extensive experience speaking at conferences and events.

Have extensive experience putting together slideshows, including custom layouts and templates

Significant experience in Graphic Design and Social Media management.

Experienced in Event Planning and Logistics.

Has previously worked in Risk Management and Physical Security.

Work History

GGR Security Ltd. - Graphic Design/Social Media/Public Relations (2020)

- Created a variety of graphics for public relations use, as well as for posting on social media
- Maintained social media channels, ensuring that they remained active and interacted positively with consumers and with people in related fields
- Advertised upcoming events in an eye-catching and visually appealing way

Freelance Graphic Designer (2019-current)

- Multiple logo, sticker, and patch designs for a variety of clubs, groups, and companies
- Designed site reports, sponsorship packages, and brochures
- Experienced in web design and app design

Freelance CAD Modelling/Drafting (2019-current)

- Designed multiple products using Computer Aided Design (CAD) which were then laser cut and sold, generating over \$3500 in revenue

SUDS (a student-run undergraduate bar) - Bartender/Event Planner (2016-current)

- Experience with logistics, event planning, and performance under pressure
- Comfortable handling cash, and closing the bar at the end of the night

Volunteer Experience and Extracurriculars

University of Toronto Design League Designathon - Graphic Designer/App Design (2021)

- Worked in a team of 3 in the University of Toronto Design League Designathon, designing a secure method of transport for COVID-19 vaccines in a 3 day designathon
- Designed an app which would track the status and location of each shipment of vaccines

University of Toronto Governing Council - Student Representative (2021-2022)

- Recently elected to serve on the top level governing board at the University of Toronto

DEF CON Conference Lock Bypass Village - Village Lead/Speaker (2019-current)

- Took charge of outreach, social media, and graphic design for the village
- Gave multiple talks and presentations
- Designed and constructed demonstrations for attendees to learn in a hands-on way

University of Toronto Concrete Toboggan Team - General Member (2016-current)

- Significant experience with fine machining, Computer Aided Design (CAD), carbon fibre layups, concrete mixing and pouring, and general fabrication
- 1st place win in the 2020 competition

Engineering Orientation Week - Head Leader (2016-2021)

University of Toronto Engineering Welcome Office - Student Ambassador (2015, 2018-current)

- Coordinated a team of 30 volunteers over the span of several months to create a personal connection and student orientation experience for 1000+ incoming first year students annually
- Created a cohesive frosh group theme, as well as online posts and themed merchandise

Engineering External Committee - Graphic Designer/Social Media (2020-current)

Skule KUP - Graphic Designer (2020-current)

Blue & Gold Committee - Graphic Designer/Social Media (2018-2019)

- Graphic Designer and Social Media Coordinator for a variety of extracurricular clubs, groups, and organizations, creating a variety of graphics for social media to advertise events and share information about upcoming conferences

Hart House Theatre - Backstage Crew / Crew Member (2018-current)

Skule Nite - Crew Member (2016-2018)

- Performed under pressure as backstage crew, assisting with multiple quick changes during shows
- Experience training and working with animals for theatre
- Worked with a large team to create costumes, props, and set pieces for multiple theatre show

Awards and Certifications

CPR-C and Standard First Aid Certified.

SAFETalk trained.

Presented with the *Dr. Clare R. MacLeod Student Volunteer Award*

Awarded for Outstanding Contribution to the Community and “Service Above Self” through over 1000 hours of volunteer service and was asked to give a speech at the following year’s ceremony