

Martin Tang

Smith Family Loran Scholar @ University of British Columbia

778-892-1383 

martintxng@gmail.com 

[linkedin.com/in/martin-txng](https://www.linkedin.com/in/martin-txng) 

github.com/TangMartin 

Experiences

Industry and Professional Development Director

UBC EUS  JUN' 20 - Present, Vancouver

- Conversed with professionals in the engineering industry to bring undergraduate students networking events and opportunities
- Liaised with organizations like the Engineers and Geoscientists of British Columbia (EGBC) to curate professional development workshops

Squadron Commander

278 Cormorant RCACS  SEPT' 17 - Present, Surrey

- Established 278 Cormorant Air Cadet Squadron to provide opportunities for youth and alleviate gang violence in Surrey
- Incharged of the attendance, behaviour, and education of 150+ cadets in the squadron
- Executed and led initiatives around youth curriculum and training, cadet engagement, program expansion, and diversity inclusion

National Advance Aviation Course Warrant Officer

DND CANADA  JUN' 21 - AUG' 21, Remote

- Conducted the Advance Aviation Program across Canada in 9 Provinces and 2 Territories
- Collaborated with over 25+ staff and commissioned officers and managed 160+ cadets
- Strategized plans to better equip instructors, standardize curriculum, and conduct the Transport Canada ROC-A Exam

Team Leader & Lead Programmer

Seaquam Robotics  SEPT' 17 - JUNE' 21, Delta

- Oversaw the development of the build, design, electronics, and programming of the robot
- Competed over 35+ VEX Tournaments and 3 International Competitions
- Maintained the codebase that allows driver control and autonomous motion using an odometry and PID system

Technologies: PROS, AutoCAD, Fusion 360, SketchUp

Additional Activities

Grant Coordinator @ UBC Hope Initiative Foundation

JULY' 21 - Present, Remote

Aviation Instructor @ 278 Cormorant Ground School

SEPT' 19 - JUNE' 21, Surrey & Remote

Robotics Workshop Facilitator @ Science World

MAR' 18 - MAR' 20, Vancouver

Education

University of British Columbia

Bachelor of Applied Science

Expected Grad: 05/2025

Skills

Languages: C++, Python, Flask, SQL, HTML, JavaScript, CSS

Software: Figma, Adobe Creative Cloud, Premiere Pro CC, Photoshop, AutoCAD, Fusion 360

Bilingual in English and Cantonese

Awards

Loran Scholarship (Top 0.5%)

Largest merit based scholarship in Canada worth \$100,000

UofT National Scholar (Top 1%)

Deferred - Full Ride Scholarship to the University of Toronto

Top 10 VEX World Skills Rating (Top 0.06%)

World Championship Robotics Award for team, 9181S

Lord Strathcona Medal

Air Cadet Award for exemplary military and physical performance

Certifications

Glider Pilot License & Accredited

ROC-A Examiner

ISCD Canada

CS50X

Harvard University