

Bangrui Fang



Software Engineer

Address	North York Canada	Phone	6478331813
Email	fangbangrui@gmail.com	Links	My Portfolio , Linkedin

01 PROFILE

- Enrolled as a first-year Computer Science student at McMaster University, demonstrating a solid foundation in programming fundamentals.
- Participated in the Sumbot robotics competition, focusing on robot system functionality development and integration.
- Proficient in Python, Java, HTML/CSS, with a strong interest in emerging technologies and innovation.
- Emphasizes teamwork, effective problem-solving, and continuous learning through academic and project-based experiences.
- Seeks internship and collaborative opportunities to further enhance technical skills and contribute value to innovative teams.

02 EDUCATION

Sep 2024 — Jul 2028

McMaster University

Hamilton

Bachelor of Applied Science (BASc)

- Current Grade-point average of 3.4 on a 4.0 scale.
- Received McMaster's entrance scholarship for a 96% grade-point average in high school
- Relevant course: Engineering Mathematics, Computational Thinking, Introduction to Programming, Development Basics, Discrete Mathematics, Introduction to Software Design Using Web Programming.

03 EXPERIENCE

01/2025 — 01/2025

Sumbot McMaster University

Hamilton

- Worked closely with a team of 4 members to plan and execute a robotics design and development project.
- Developed robot functionality using Arduino and C++ programming, including sensor integration and control algorithms.
- Facilitated team meetings, fostering communication and collaborative problem-solving.

- Partnered with one teammate to write and debug the robot's code using Arduino and C++ programming, focusing on sensor integration, motor control, and overall system functionality.
- Supported by two teammates who designed robot components, prepared materials, and fabricated parts using 3D printing technology.

04 SKILLS

Node.js	● ● ● ● ●	Python	● ● ● ● ●
Microsoft Office	● ● ● ● ●	JavaScript	● ● ● ● ●
C++	● ● ● ● ●	Java	● ● ● ● ●
PHP	● ● ● ● ●	MATLAB	● ● ● ● ●
CSS	● ● ● ● ●	Autocad	● ● ● ● ●
HTML	● ● ● ● ●	Haskell	● ● ● ● ●
Git	● ● ● ● ●		

05 LANGUAGES

English	● ● ● ● ●	Mandarin	● ● ● ● ●
---------	-----------	----------	-----------