

# Kevin Jiang

**Kevin X. Jiang**

21118913, Term 1A

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| <Website> | <Portfolio>

## SUMMARY OF QUALIFICATIONS

- Four years of strong teamwork experience in designing, constructing, and programming through participation in competitive robotics
- Strong analytical and conceptual-thinking skills demonstrated through ranking as Top 20 Finalist for national physics competition
- Effective leadership skills demonstrated through <designing?> and supervising the execution of training activities for 300+ different cadets over the past two years
- Acquired countless hands-on and decision-making skills through becoming a pilot in the summers of 2022 and 2023
- Best place to make impactful statements about your skills and abilities
- Programmed C++, Java programs focusing on inertial guidance for robotics

## EDUCATION

Candidate for Software Engineering, University of Waterloo, Waterloo, ON

2024 – Present

- Relevant Courses: CS137, SE101, MATH115, MATH117, MATH135, CHE102

Sir Winston Churchill High School, Calgary, Alberta (optional)

Graduated 2024

- IB diploma
- Alberta Diploma
- Robotics Club, Senior Mentor
- Symphonic Band, Trombone Section Leader

- Model United Nations, Junior Executive

### **AWARDS** (optional but nice to have)

- 3<sup>rd</sup> Place DESS Schulich Hackathon by the University of Calgary, Calgary, for coding an original solution to create societal change – 2021
- Honour Roll, Hypatia Contest by the University of Waterloo, Calgary, 2023
- Gold Award, National Canadian Chemistry Competition, Calgary - 2024
- Top 20 Finalists in the Canadian Physics Olympiad, Vancouver - 2023
- Top Instructor, 918 Griffon Royal Canadian Air Cadet Squadron, 2023

### **KEY PROJECTS** (optional; great to include if you have limited or no work experience)

- Robotics Competition Robot, 2021-2024
  - Constructed and designed twenty-pound robot with a team of four for my high school's robotics team
  - Programmed the computer programs to enable the robot to compete effectively and interact with environment
  - Tournament Champions for 2024 WestMECH Mid-Season Showdown
  - Competed in the eliminations rounds of the VEX Worlds Tournament, after excellent performance in qualifying tournaments.
  - Senior mentor at school team
- National Glider and Power Pilot Scholarships
  - Offered National Glider and Power Pilot Scholarships to become a pilot. Developed decision-making skills and analysis abilities necessary in becoming a pilot.
  - Broadened knowledge of hard technical skills, causing high flexibility and resourcefulness
  - Current licensed pilot

### **WORK EXPERIENCE**

Lancaster Flight Flight Sergeant, Department of National Defense, Cold Lake, Alberta  
July – August, 2024

- Led a team of staff to deliver aviation content-related lectures and supervise 60+ cadets aged 12-17 daily
- Recognized through a Commanding Officer's "Shoutout" for outstanding performance in my roles and responsibilities.
- Improved training quality for cadets through successfully pushing for larger variety of instructional aids and preparation supports.
- Distinguished myself as an instrumental leader in coordinating lesson preparation and training execution for 90+ cadets
- Exceeded superiors expectations in communication and instructional performance

## **VOLUNTEER EXPERIENCE**

Youth Volunteer, Calgary Public Library, Calgary, Alberta  
April, 2019 – June, 2024

- Shared computer programming expertise through volunteer in the *Coding Buddies* youth programs
- Developed strong communication methods through successfully encouraging unengaged children to build a love for learning
- Choose the bullet points that are most important to this employer and their job description

Ski Instructor and Events Volunteer, Winsport, Calgary, Alberta  
October, 2022 – April, 2024

- Instructional capabilities demonstrated through teaching 30+ first-time skiers how to ski
- Developed customer service skills developed through interacting as front-line customer support and informational services.
- Strong event planning skills developed through working as ushering, catering and ticket scanning for events

## **LANGUAGES/PROFESSIONAL MEMBERSHIPS/PUBLICATIONS (optional)**

- Languages: English, Cantonese, Mandarin, <some> French
- Member of the Canadian Ski Instructors' Association
- <No publications>

#### **ADDITIONAL INFORMATION**

- Interests: Piano, trombone, flying
- Activities: Flying
- Additional Qualifications: Postman API Fundamentals Student Expert certification