

# ISAAC JIANG

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## Education

### Vincent Massey Secondary School

*Honour Roll with Distinction, 4.0 GPA*

September 2020 – June 2024

Windsor, ON

## Skills

**Languages:** Python, Java, C++, Dart, HTML, CSS, JavaScript

**Technologies:** React, Firebase, NumPy, Pandas, Git, Flutter, Swing, Taipy

## Experience

### University of Windsor

*Research Assistant, Fani's Lab*

April 2023 – Present

Windsor, ON

- Implemented data analysis by creating functions to compare datasets and results

### CodeQuest Summer Camp

*Co-Founder*

June 2023 – July 2023

Windsor, ON

- Ran a week-long summer camp teaching children problem solving and programming in Python
- Provided assistance for developing lesson plans and activities

### Vincent Massey Computer Science Club

*Junior Stream Teacher*

June 2023 – Present

Windsor, ON

- Created 10+ lesson plans to teach algorithms and data structures to high school students as preparation for the Canadian Computing Competition
- Worked in a team of 3 to organize club-wide computer science contests

### Vincent Massey Hack Club

*Software Stream Executive & Teacher*

September 2023 – Present

Windsor, ON

- Created lesson plans to teach high school students Introduction to Web Development
- Taught advanced stream various Python based projects, such as using Web APIs and Game Development
- Increased club member retention rate by 300%

### Riverside Minor Baseball Association

*Front-End Developer*

April 2023 – August 2023

Windsor, ON

- Maintained and populated website with formatted news articles, sponsorships, and notices
- Created rosters and schedules for 6+ divisions and 360+ players

### Believe Initiative

*Student Director*

June 2023 – Present

Remote

- Managed and assisted 150+ Believe Chapters across North America consisting of 15000+ students
- Created, scheduled, & published interactive social media posts

### Vincent Massey Believe Leadership Chapter

*Chapter Head*

August 2021 – June 2023

Windsor, ON

- Taught a total of 200+ high school students with 30+ lessons, helping them become better leaders
- Organized 3 Chapter Inspiration Fairs, where completed passion projects raised over \$800 for charity

### Inspirit AI

*AI & SEO Blogging Intern*

April 2023 – August 2023

Remote

- Wrote 10+ blogs about computer science events & competitions using SEO strategies
- Utilized Google Search Console to perform keyword research & monitor indexing issues
- Boosted search traffic for events featured in published posts by 50%

<b>Inspirit AI</b> <i>AI Ambassador</i>	<b>October 2022 – June 2023</b> <i>Remote</i>
<ul style="list-style-type: none"> <li>Selected as an Inspirit AI Ambassador and took part in the AI Ambassador program led by MIT and Stanford graduates</li> <li>Outreached to 20+ individuals &amp; organizations while learning about the future of the AI from industry professionals</li> </ul>	
<b>STEMist Education</b> <i>CS Instructor &amp; Hackathon Organizer</i>	<b>July 2023 – Present</b> <i>Remote</i>
<ul style="list-style-type: none"> <li>Handled logistics and scheduling for hackathon workshops</li> <li>Provided advisement and guidance on running online activities for 30+ participants</li> </ul>	
<b>Vincent Massey Web Development Club</b> <i>Club Executive</i>	<b>January 2023 – June 2023</b> <i>Windsor, ON</i>
<ul style="list-style-type: none"> <li>Organized weekly meetings for 50+ high school students to learn various technologies such as Git</li> <li>Created logo and other adverts for the club announcement</li> </ul>	
<b>Private Computer Science Tutoring</b> <i>Self-employed</i>	<b>June 2023 – Present</b> <i>Windsor, ON</i>
<ul style="list-style-type: none"> <li>Taught 5+ students introductory Python, Time Complexity, Graph Theory, and Recursion</li> </ul>	
<b>Homework Hub</b> <i>English Tutor</i>	<b>September 2021 – March 2022</b> <i>Remote</i>
<ul style="list-style-type: none"> <li>Tutored 2 students elementary level English</li> <li>Created 20+ lesson plans and reading/writing exercises</li> </ul>	
<b>Vincent Massey Robotics Team (FRC 4903)</b> <i>Administration Team</i>	<b>November 2022 – Present</b> <i>Windsor, ON</i>
<ul style="list-style-type: none"> <li>Worked alongside programming team to create a comprehensive entry binder for new programmers</li> <li>With a partner, created a 40 second fully animated video in Adobe After Effects, showcasing the theme of safety in FIRST Robotics</li> </ul>	
<b>Vincent Massey Badminton Team</b> <i>Men's Doubles</i>	<b>March 2022 – Present</b> <i>Windsor, ON</i>
<b>Awards &amp; Achievements</b>	
<b>MasseyHacks IV: 1st Place Overall</b> <i>Vincent Massey Secondary School</i>	<b>May 2023</b>
<b>Sparkhub Summer Hackathon: 3rd Place Overall</b> <i>Sparkhub Foundation</i>	<b>June 2023</b>
<b>Secondary School Programming Competition: 2nd Place Overall</b> <i>University of Windsor</i>	<b>December 2022</b>
<b>Fermat Mathematics Contest: 25% Percentile Nationally</b> <i>University of Waterloo</i>	<b>February 2023</b>
<b>WECSSAA Badminton Qualifier: 3rd Place Overall</b> <i>Windsor and Essex County Secondary Schools Athletic Association</i>	<b>April 2023</b>
<b>Academic Award of Excellence: Honour Roll with Distinction</b> <i>Vincent Massey Secondary School</i>	<b>2021 – 2023</b>
<b>FIRST Championship Worlds - Archimedes Division: Rank 14</b> <i>Vincent Massey Secondary School</i>	<b>April 2023</b>
<b>FIRST Ontario Provincials: Rank 9</b> <i>Vincent Massey Secondary School</i>	<b>April 2023</b>
<b>Canadian Math Kangaroo Contest: Regional Award</b>	<b>2022</b>