

# Satrajit Chatterjee

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## EDUCATION

University Of Ottawa, Ottawa  
Joint Honours BSc in Computer Science and Mathematics (Year 2)

September 2019 - April 2023 (Expected)  
Current CGPA: 9.36

## SUMMARY

- Versatile and balanced with **International Baccalaureate** education from Sweden and Canada
- Possessing leadership and teamwork skills, with a constant eagerness and motivation to learn and improve
- **Bilingual in English and French**

## TECHNICAL STRENGTHS

<b>Software Development</b>	Object-Oriented Programming, <b>Java</b> (Data structures, Image Processing, GUI), <b>Python</b> (Machine Learning, Algorithms), <b>C++</b>
<b>Web Development</b>	<b>Node</b> , Angular, Typescript, SCSS, <b>Javascript</b> , <b>SQL</b>
<b>Computer Architecture</b>	<b>Linux</b> (Bash scripting), <b>Digital Systems &amp; Computer Security</b>
<b>Other Areas</b>	<b>Machine Learning</b> , <b>Robotics</b> (Arduino), Blockchain, <b>Git</b>

## SOFT SKILLS

<b>Public Speaking</b>	President of the high-school <b>Debate Club</b>
<b>Analytical Thinking</b>	Co-president of the <b>Bur Oak Mock Trial Club</b>
<b>Time Management</b>	Handled responsibility of projects and tasks using <b>Agile</b> , <b>Zenhub</b> and <b>Trello</b>

## PROJECTS

- **G3PO** - **Python** software utilizing **Machine Learning** to analyze genetic code and form medical predictions
- **Reconattendance** - **Java**-based **Automated** Attendance System using an original **facial recognition** algorithm
- **KaratAI** - **Node** fitness web-app with posture recognition with **OpenCV** and original algorithm to **process video**

## EXPERIENCE

- 1. Full-stack Software Developer** 2020 - 2020  
*uOttawa Engineering Outreach*  
Programmed in **Angular**, and back-end in **Java**  
**Developed agile development and management skills** by discussing and collaborating with a team
- 2. CSSA Vice President - Academic** 2019 - Present  
*uOttawa Computer Science Student Association*  
**Planned and organized academic events** targeted towards Computer Science students
- 3. High School Tutor** 2017 - 2019  
*Mathematics, Science, Computer Science*  
**Analyzed** the core areas requiring attention for each client and **formed specific** plans  
**Enhanced communication and teamwork skills** by forming bonds with students and peers

## ACADEMIC ACHIEVEMENTS

- **University of Ottawa Chancellor's Scholarship** - Faculty Of Engineering, **2019**
- **Bur Oak Secondary School Department of Computer Science Award**, **2019**
- **McGill Science Award** for outstanding performance in all science subjects in school, **2018**
- **Concordia Faculty of Computer Sciences and Programming Award**, **2018**

## EXTRA-CIRRICULAR

- Member of uOttawa Computer Science club with emphasis on **network security and penetration testing**
- Head of the PCHS **Robotics** Team
- Proficient **badminton** and **chess** player