

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

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

SOFT SKILLS

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

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