Satrajit Chatterjee

Ottawa, Canada • (+1)647-267-0521
github.com/wise-bit • linkedin.com/in/satrajit-c
satrajit.me • satrajit314@gmail.com

EDUCATION

University Of Ottawa, Ottawa *September 2019 - April 2023 (Expected)*
Joint Honours BSc in Computer Science and Mathematics (Year 2) **Current CGPA: 9.36**

SUMMARY

- **G3PO** - **Python** program using **Machine Learning** to analyze genetic code and make predictions
- – 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-CIRRUCULAR

- 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