Aryan Garg

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EDUCATION

University of Toronto - Ontario, Canada Expected Graduation Year: 2028
Honors in Bachelor of Science, Specialisation in Computer Science minor in Economics

- Website Coordinator of IBA (Innovative Business Association)
- Developer and Marketing Coordinator for Quantitative AI Finance Club (QAIF)
- Member of Fintech Association
- Residence Community Director

Charles P Allen High School - Halifax, Canada July 2024
High School Diploma with Principal's List, GPA 4.0

- Member of Computer Science Club
- STEAM club member

SKILLS

- **Technical:** Python, HTML, SQL, Arduino (C++), Numpy, Pandas, Unity, Unreal Engine
- **Skillset:** Public Speaking, Team work, Open to feedback, Effective time management, Punctual
- **Languages**: English, Hindi

EXPERIENCE

MACE TECHNOLOGIES July 2023- August 2023
Software Engineering Intern

- During my summer vacation I worked as a software engineering intern at MACE TECHNOLOGIES. In my role I primarily used python.Collaborated with the software development team to debug and troubleshoot issues in existing codebases, ensuring optimal performance and functionality.
- Contributed to team meetings, providing insights and recommendations for process improvement.
- Maintained clear documentation of debugging processes and solutions to support ongoing software development efforts.

PROJECTS

Affordable OTC Medication Price Comparison Tool **16/2/2025**
DeerHacks, University of Toronto Mississauga – 3rd Place (130+ participants)

- Developed a barcode-based tool using Python (Flask) & openCV to compare OTC medication prices.
- Integrated barcode scanning & APIs to fetch and compare brand-name and generic drug alternatives.
- Designed a user-friendly interface, ensuring seamless navigation and accessibility.

Pot-Hole Risk Assessor **17/3/2025**
WallyHacks, University of Toronto– 3rd Place

- Developed a predictive pothole detection system with 90% accuracy using Arduino, Python and C++.
- Implemented a real time data processing, sensor calibration and a motorized alert system
- Integrated humidity and accelerometer sensors for accurate risk assessment.
- Overcame hardware-software integration challenges while optimizing detection accuracy.