

KARTIK PAREKH

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EDUCATION

Hons. Bachelor of Computer Science (Co-op)
Minor in Mathematics
Brock University

St. Catharines, Ontario
April 2025
Grade: 3.4/4.0

TECHNICAL AND LANGUAGE SKILLS

- **Programming Languages:** Java, C/C++, MIPS Assembly, Python, VBA, PHP, Typescript/JavaScript
- **Frameworks & Tools:** Linux, Garuda, Bash, Ubuntu, Android Studio, DevOps, Cloud, LATEX
Web Application Testing, IOS/Android System Programming
- **Database:** MySQL, PostgreSQL, SQLite, Redis, MongoDB

WORK EXPERIENCE

GENERAL UTILITY WORKER

March 2022 – Present

Aramark (Brock University)

- Developing all qualities of teamwork as well as collaborative work
- Maintaining high standards of customer service during high-volume, and fast-paced operations by communicating clearly and positively with co-workers and management
- Mastering the point-of-service (POS) computer system for automated order taking as well as handled currency and credit transactions

COMPUTER SCIENCE DEVELOPMENTAL STUDENT CO-OP

January 2023 – August 2023

Ontario Power Generation

- Learning new tools, languages, frameworks as needed to support project requirements
- Conducting research on new technologies, framework, and best practices in web development
- Creating and updating website content, including text, images, and videos as well as troubleshooting them for issues and working with team to implement solution
- Proficient in VBA scripting Excel: Developed and implemented VBA scripts to automate tasks and improve efficiency in Excel. Experienced in creating macros, designing user forms, and building various types of Excel models.
- Assisting with website design and layout, including creating wireframes and mock-ups
- Collaborating with designers, developers, and other team members to ensure that requirements are met

GOOGLE DEVELOPER STUDENT CLUB LEAD

July 2022 – July 2023

Brock University

- Attending educational events hosted by Google and gaining learnings of new fields of technology
- Growing my community, developing professional relationships by promoting this club at most
- Applying all the learnings to build solutions for real local and global issues which could solve severe problems and disasters
- Organizing virtual and in-person events for on-campus students and gaining mentorship from Google by connecting the club to the students at Brock University

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PROFESSIONAL CERTIFICATIONS

- **Certified Ethical Hacker (C|EH)** *February 2021 – February 2024*
Cybersecurity India
- **Certificate in Penetration Testing and Digital Forensics** *March 2020 – April 2021*
Cybersecurity India
 - Achieved 95% to get certified as well as got to know various aspects of the wide range of Cyber Security
- **Programming with Java, C, C++** *May 2020 - March 2021*
Bitnet Education for Software Technology
- **Mastercard Cybersecurity virtual experience program on Forge** *February 2024*
 - Completed a job simulation where I served as an analyst on Mastercard's Security Awareness Team
 - Helped identify and report security threats such as phishing
 - Analysed and identified which areas of the business needed more robust security training and implemented training courses and procedures for those teams
- **AIG Shields Up: Cybersecurity virtual experience program on Forge** *February 2024*
 - Completed a cybersecurity threat analysis simulation for the Cyber Defence Unit, staying updated on CISA publications.
 - Researched and understood reported vulnerabilities, showcasing analytical skills in cybersecurity.
 - Drafted a clear and concise email to guide teams on vulnerability remediation.
 - Utilized Python skills to write a script for ethical hacking, avoiding ransom payments by brute forcing decryption keys.
- Workshops on **Cyber Warfare, Cyber Warrior, Android Studio, Cyber Ethics** *April 2021*
by IIT Kharagpur, IIT Bombay, Gujarat Police, Cybersecurity India

VOLUNTEER EXPERIENCES

- Canada Games 2022 (Technology Crew)
- Brock University Students Union (Badger fest)
- Smile Foundation (Fundraiser)
- Swachh Bharat Abhiyaan (Clean India Mission)