Sachin Gupta

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EDUCATION

McMaster University	Hamilton, ON
Bachelor of Software Engineering Co-op: 4.0/4.0 GPA	*Sep. 2023 – Apr. 2028*
Free Code Camp	Online
AWS Cloud Practitioner Certification Course	*Nov. 2023 – Dec. 2023*
Harvard University	Online
CS50: Computer Science	*Jan. 2022 – Mar 2022*

EXPERIENCE

Founder (Graphic Designer) — June 2023 – Present
Sachin Graphic Design Company — *Brampton, ON*
- Design websites, videos, and infographics for commercial use
- Have done 5 projects for 3 different clients
- Jain Society of Toronto (Infographic), City of Brampton (Monologue), Dry-Cleaning Company (Website)
- Gained skills in developing aesthetic, functional, and user-friendly websites

Software Engineer — June 2023 – Present
Sumo Bots Club/Competition — *Brampton, ON*
- Competition where teams create robots that fight against each other
- Within my group of 4, I work on the robots software
- Use arduino/c++ to develop effective strategies and responses to opposing robot actions

PROJECTS

Personal Portfolio Website | *HTML, CSS* — Dec 2023
- ∗ Developed a front-end web application on React.js, using HTML, CSS, and JavaScript
- ∗ Personal Project to enhance my web development skills in a fun, exciting, and creative way

Stockie: Stock Analysis Tool | *C++* — Apr 2020 - Jun 2023
- ∗ Developed a full-stack application to enhance the investing experience for novice and professional investors alike
- ∗ Uses an API to send requests for live stock data and uses JSON files to store stock and user data
- ∗ Gives stocks picks and other suggestions through applying certain algorithms to the live stock data

Technology Learning Course | *Python, Tkinter* — Jul 2022 – Aug 2022
- ∗ Developed a full-stack application that educates consumers on upcoming technologies like AI and Nanobots
- ∗ Used Tkinter for front-end development and user interface, with being Python used for the back-end side
- ∗ Includes a Jeopardy-style interactive game with live score counter

AWARDS

Ted Rogers Community Scholarship ($1000)
Awarded for my excellent performance during my summer job as a Rogers, Jays Care Youth Coach — *Nov. 2023*

Euclid Math Contest, School Champion
Achieved first in my school for the Euclid Math Contest hosted by the University of Waterloo — *Apr. 2023*

Hypatia Math Contest, School Champion
Achieved first in my school for the Hypatia Math Contest hosted by the University of Waterloo — *Apr. 2022*

TECHNICAL SKILLS

Languages: C, C++, Python, Tkinter, JavaScript, HTML, CSS, Arduino, LaTeX
Frameworks and More: Cloud Computing, AWS, React.js, Next.js, VS Code, GitHub, Git, MatLab
Tools: MS Office, Uses Agile Methodology, Autodesk Inventor (CAD), Quanser Labs, Granta
Hackathons: UofT Hacks, DeltaHacks, DeltaHacks Web Development