

Pranay Harpalani

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EDUCATION

Bachelor of Computing - Computer Science, Minor in Economics

Sep 2022 - May 2026

University of Guelph

Guelph, ON

- **GPA:** 3.7/4.0.
- **Relevant coursework:** Database Integration, Operating Systems, Software Development, Finance, Accounting.
- **Leadership:** Vice President of College of Engineering Student Council, Senate Representative for B. Computing.

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C/C++, TypeScript, HTML/CSS, SQL, R, Assembly.

Frameworks / Libraries: React, Angular, Next.js, Three.js, JavaFX, JUnit, SQLite, Firebase.

Developer Tools: Git, Linux, Unix, AWS, Terraform, Vercel, Docker, Jira, Visual Studio, Tableau, Power BI, Excel.

EXPERIENCE

Data Structures Teaching Assistant

Sep 2024 - Dec 2024

University of Guelph

Blockchain & Web3 Security Researcher

Jul 2024 - Aug 2024

Webacy

- Conducted comprehensive **blockchain technology analysis** by identifying emerging technologies, assessing their market positioning and technical offerings, effectively identifying industry trends and innovation opportunities.
- Synthesized research findings to create a **strategic market map**, culminating in the recommendation of **cutting-edge blockchain solutions** tailored to enhance company competitiveness in the **digital landscape**.

Software Developer Intern, Front-End

Jan 2024 - Apr 2024

Teachify | React, JavaScript, Next.js, HTML/CSS, Supabase, Jira, Git

- Contributed to a startup specializing in AI-driven solutions for education, developing **React components** for company's flagship website. Adopted **Agile** methodologies for effective project management.
- Drove **documentation** for **20% of code changes** and design updates, fueling accelerated development cycles and smoother on-boarding for new hires, ultimately optimizing **project delivery** and efficiency.

Software & Automations Developer

Sep 2023 - Apr 2024

Google Developers Student Club | Python, Firebase, Trello, Git

- Orchestrated **Python scripts** to automate routine tasks like emails, speeding up completion by **over 95%**. Resulting instrumental in securing over **\$15,000** in sponsorship funds.
- Mentored hackers in GDSC Hacks, a Hackathon with over **250 in-person attendees**, while hosting workshop events on innovative technologies like **Firebase** and **Git**.

PROJECTS & ENTREPRENEURSHIP

Web Development Agency & Content Creator

pranayharpalani.com

- Led **website development** for clients, ranging from solopreneurs to companies with \$200K+ in revenue. Deployed **high-traffic websites** using **AWS CloudFront** for global scalability, reducing latency for worldwide audiences.
- Produced **video content** promoting the agency and showcasing projects, effectively boosting **brand visibility** with over **50,000 organic views**.

8-Ball Pool | Python, JavaScript, C, REST API, SQL, Docker

github.com/pharpala/8-Ball

- Created a **full stack** web application featuring a realistic 8-Ball experience, combining **C physics** simulations, **Python back-end** scripting, and **SQLite database** management to create an immersive gaming environment.
- Conducted **comprehensive testing**, employing a variety of test cases to ensure robustness, reliability, and adherence to functional requirements, resulting in a **highly stable** and error-free gaming experience for users.