

Agastya Sharma

647-862-7679 | a764shar@uwaterloo.ca | agastyasharma.dev | linkedin.com/in/agastya | github/ayastaga

EDUCATION

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| University of Waterloo <i>Bachelor of Arts in Computer Science (GPA: 3.83/4.00)</i> | Waterloo, ON 2025 – 2030 |
| • Awards: President's Scholarship of Distinction; Michael Egan Entrance Scholarship in Computer Science | |

WORK EXPERIENCE

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|---|---------------------------------------|
| Sylphia Consulting Inc. <i>Full Stack Developer</i> | Sep. 2025 – Present Toronto, ON |
| • Lead a team of 5 interns to design, develop, and deploy 3 production projects within 4 months | |
| Steel City Codes Ontario (SCCO) <i>Founder and Technical Curriculum Lead</i> | Jun. 2022 – Jul. 2024 Brampton, ON |
| • Scaled the educational program to 100+ students across two terms, achieving an 82% retention rate | |

FEATURED PROJECTS

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|---|----------|
| Nutrition Application <i>Next.js, TypeScript, ShadCN, PyTorch, PostgreSQL</i> | Sep 2025 |
| • Created a full-stack Next.js web application using for calorie tracking with personalized insights | |
| Oil Price Prediction Model <i>Python, Pandas, NumPy, Scikit-Learn, PyTorch</i> | Jan 2025 |
| • Developed an end-to-end machine learning pipeline to forecast WTI crude oil prices using time-series modeling | |
| 3D ASCII Renderer <i>Python, NumPy, Linear Algebra, Parametric Surfaces</i> | Dec 2024 |
| • Created a real time 3D renderer that projects parametric surfaces onto 2D ASCII art with dynamic lighting | |

TECHNICAL SKILLS & AWARDS

Languages: Python, JavaScript/TypeScript, Java, C/C++, SQL (PostgreSQL)

Frameworks & Libraries: React, Next.js, Node.js, Flask, FastAPI, Redux, PyTorch, JUnit, Pytest

DevOps & Cloud: Docker, Kubernetes, CI/CD (GitHub Actions), Redis, AWS, Vercel

Data & APIs: Pandas, NumPy, Matplotlib, Seaborn, RESTful APIs, OAuth 2.0

Awards: Incubator Hacks Winners, International Diamond Challenge Qualifiers, 2X Provincial & Regional Champion in DECA, Continental finalists in the PGCC Competition, Winners of Tech Under 20 (TU20)