



# Ashfi H.M. Shah

MSc Computing Student



165A Colborne Street,  
Kingston, ON K7K 1E1



25rrym@queensu.ca OR



Ashfishah50@gmail.com



(807) 356-4192

## About Me

I am a resourceful and motivated Computing graduate student pursuing a Master of Science at Queen's University, with a strong foundation in software development, IT systems, and research. I am proficient at troubleshooting, documentation, and process improvement across technical and academic environments. I also have experience in academic support, demonstrating clear communication and organisational excellence. I have been recognised for professionalism, fairness, and teamwork through various work and volunteering experiences.

## Languages



English



French



Bengali



## Licences/Certification

- Ontario G Driver's Licence
- First Aid Certificate (CPR Trained)
- TCPS2 Core Research Ethics Cert.

## Connect With Me



Ashfi Shah



OrcID: 0009-0005-6072-6350



Ashfi-Hasnain



Ashfi Shah



ashfi.shah

## Key Skills

### Technical Support and Troubleshooting

Strong knowledge of computer hardware, software, and telecommunications. Able to use this knowledge to resolve various technical problems.

### Communication and Interpersonal Skills

Strong oral and written communication skills; patient and friendly interaction with coworkers and clients to ensure clear understanding.

### Teamwork and Organisation

Highly organised, cooperative, and dependable in team environments; willing to assist teammates whenever needed.

### Customer Service

Experienced in handling customer service issues and providing positive client experiences.

### Presentation

Experienced in providing presentation and lectures on various topics to various size audiences

### Technical Proficiency

- Programming Languages:** C, C++, C#, Java, Kotlin, Haxe, Python.
- Game Development:** Proficient in Unity and Haxeflixel.
- Business Tools:** Skilled with productivity software including Microsoft Office and Google Drive.
- Digital and AV Tools:** Experienced working with/maintaining multimedia equipment.

### Analytical Skills

Strong mathematical background to support problem-solving and technical work.

## Working Experience

Jan 2026 -

Apr 2026,

Sep 2026 -

ONGOING

### Teaching Assistant

*School of Computing, Queen's University*

- Assisted the instructor(s) and head TA (where applicable) in evaluating and supporting students.
- Marked assignments, class quizzes, and final exams, ensuring timely and accurate feedback.
- Provided constructive feedback to support student understanding and improvement.
- Held regular TA office hours to assist students individually.
- Provided three TA-led lectures (tutorial and additional content) in CISC 332, and weekly seminars in CISC 497.
- Relevant courses: CISC 332, CISC 497

Jun 2025 -

Aug 2025

### Research Assistant

*Department of Geography, Lakehead University*

- Supported development of a field robot for automated research data collection.
- Programmed and debugged ROS-based systems on Raspberry Pi, focusing on automation and sensor integration.
- Identified and documented compatibility issues caused by ROS deprecation.
- Produced structured technical documentation and GitHub repositories to support knowledge transfer.

Oct 2024 -

Dec 2024

### Marker (TA)

*Department of Mathematics, Lakehead University*

- Evaluated student work across multiple undergraduate mathematics courses.
- Provided detailed feedback to support student learning and performance improvement.
- Supervised examinations, ensuring adherence to academic integrity protocols.
- Relevant courses: MATH 1271-FA/FB, MATH 3071-FA/FB



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## Education

Expected 2027

### Master of Science (MSc) Computing

Queen's University, Kingston, ON

- Research Stream
- Thesis: Autonomous Driving: Developing a Fuzzing Framework to Find Vulnerabilities in Object detection models
- Studied Cybersecurity and Machine Learning
- Supervisor: Dr M. Zulkernine

May 2025

### Honours Bachelor of Science (HBSc) Computer Science

Lakehead University, Thunder Bay, ON

- Minor in Mathematics
- Specialization in Game Programming
- Certification in Entrepreneurship
- First Class Standing

June 2021

### Ontario Secondary Student Diploma (OSSD)

Superior Collegiate and Vocational Institute, Thunder Bay, ON

- High School Diploma with 92.5 percent average in Top 6 University-bound courses
- Soccer Team in Spring 2019

## Volunteer Experience

Oct 2025

Sep 2026

### Graduate Computing Society (GCS) – MSc Grad Committee Officer

Queen's University

- Represented MSc Computing students and addressed their concerns/suggestions
- Shared about the Graduate Student experience during the program information session

Oct 2024 -

Oct 2025

### Member of Judicial Panel

Lakehead University

- Heard appeals related to the student code of conduct (primarily focused on academic conduct) at Lakehead University.

## Awards

2025-2026

### Queen's Graduate Award (QGA)

Queen's University

2021-2025

### First Class Standing

Lakehead University

For maintaining a GPA above 80 percent during my degree

2023-2024

### Dean's List

Lakehead University

For maintaining a GPA above 80 percent in 2023-24 academic year

Feb 2022

### Ross Rogers Scholarship in Science

Lakehead University

2021-2022

### Lakehead Entrance Scholarship

Lakehead University

For maintaining GPA above 80 percent in Grade 12

Jun 2021

### Ontario Scholar

Ontario Ministry of Education

For maintaining GPA above 80 percent in Grade 12

Jun 2021

### Superior C&VI Staff Award

Superior C&VI

2017-2021

### Honour Roll

Superior C&VI

For maintaining GPA above 80 percent in previous academic year. Renewed each year



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|         |           |
|---------|-----------|
| English | ● ● ● ● ● |
| French  | ● ● ● ● ● |
| Bengali | ● ● ● ● ● |

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## Projects

Jan 2025

Jan 2026

### Project Outbreak (Video Game)

- Collaborated in a six-member team to develop a 2D zombie survival game using Unity.
- Designed an interactive game world based of Lakehead University Thunder Bay campus.
- Contributed to gameplay mechanics, environment design, and quality testing.

Mar 2020

Feb 2024

### Computer Repair and Custom Builds

- Independently studied PC hardware, repair methods, and component compatibility
- Successfully repaired three non-functional desktop computers
- Assessed reusable components worthy of reuse and capable of excellent performance.
- Assembled two custom-built PCs optimised for performance and budget.

Sep 2021

May 2022

### Building Wired Network

- Installed wired Ethernet and HDMI connections in all primary rooms of my home.
- Set up coaxial access points to enable reliable internet and TV connectivity across multiple rooms.
- Demonstrated understanding of basic networking layout, cable management, and hardware integration.