

SYED SHAHMEER RAHMAN

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EDUCATION

University of Alberta

Expected Graduation: December 2026

- Bachelor of Science: Computer Science (Specialization) | **GPA: 3.3**
- Scholarship: The University of Alberta Regional Excellence Scholarship
- Scholarship: International Admission Scholarship

CERTIFICATIONS

3 Certifications from Alberta Machine Intelligence Institute (AMII)

Apr. 2025

- Fundamentals of Reinforcement Learning
- Sample-based Learning Methods
- Prediction and Control with Function Approximations

[Certificate Link](#)

[Certificate Link](#)

[Certificate Link](#)

SKILLS

Proficient in: Python, C, C#, TypeScript, JavaScript, HTML, CSS, React, Unity, MongoDB, SQL, Node.js, .NET

WORK EXPERIENCE

Software Developer | Department of Computer Science, University of Alberta

Sep. 2025 – Dec. 2025

- Developed a React-based web platform for an AMII research client to visualize survival predictions.
- Integrated survival analysis models into an interactive dataset exploration interface.
- Built data visualization dashboards with exportable and printable reports for research analysis.
- Implemented modular frontend components focused on model interpretability and usability.

Software Engineer Intern | SARVA (Startup Company)

Jun. 2025 – Aug. 2025

- Led development of SARVA's website and mobile app, a delivery platform for local businesses.
- Developed AI to predict restock dates based on historical data, improving inventory management.
- Integrated Google Maps API and Stripe API to track deliveries and automate payments.
- Designed and built UI/UX in React to visualize business profit/loss and stock levels.
- Implemented backend systems with Firebase and SQL, ensuring smooth performance and testing.

Software Developer Intern | United Group (Orange Solutions Limited)

Jun. 2024 – Aug. 2024

- Engineered ERP software for 4 clients, improving business operations with the development team.
- Built full-stack web apps with React, Node.js & MongoDB to improve efficiency and user experience.
- Created mobile apps with Flutter & Firebase, enabling real-time business tracking and management.
- Worked with senior developers to learn about documentation, coding standards, and collaboration.

Software Developer Intern | Jamuna Spacotech Joint Venture Limited

Sept. 2022 – Nov. 2022

- Coordinated with the IT team to create the company's enterprise (ERP) system using Java, Python, and C# for the backend, and JavaScript for the frontend.
- Facilitated collecting, analyzing, and optimizing data for 3 projects, improving overall efficiency.
- Provided technical support and training for 20+ staff, reducing recurring issues by 25%.

System Support Intern | Beatnik Digital Limited

Dec. 2021 – Jul. 2022

- Installed, configured, and maintained workstations and mobile devices as needed.
- Researched and analyzed data for 6 major projects, providing insights to the planning team.

PROJECTS | www.shahmeerrahman.com

NHL Game Outcome Predictor

[Demo Video](#) | [GitHub Link](#)

- Created an NHL game predictor with 71% accuracy and a web app to display AI-predicted winners.

Event Management App

[Demo Video](#) | [GitHub Link](#)

- Implemented a Java/Firebase Android app for lottery-based event registration with role-based access, QR scanning, and geolocation security.

Solving Mazes with Reinforcement Learning

[Demo Video](#) | [GitHub Link](#)

- Built Q-learning and Deep Q-Network agents to solve maze environments modeled as MDPs.