

# SYED SHAHMEER RAHMAN

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## EDUCATION

### University Of Alberta

Sept. 2022 – Present

- Bachelor of Science: Computer Science (Specialization) | **GPA: 3.4**
- The University of Alberta Regional Excellence Scholarship
- The University of Alberta International Admission Scholarship

## WORK EXPERIENCE

### 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.

### Information Technology Intern | Jamuna Spacetech Joint Venture Limited

Sept. 2022 – Nov. 2022

- Resolved 30+ help desk tickets, providing technical support and ensuring smooth IT operations.
- Contributed to 7 client projects, partnering with interns to fulfill business and technical needs.
- Authored IT documentation that cut recurring issues by 25% and enhanced overall workflow.

### System Support Intern | Beatnik Digital Limited

Dec. 2021 – Jul. 2022

- Researched and analyzed data for 6 major projects, providing insights to the planning team.
- Conducted on-site assessments for 3 developments, verifying plan accuracy and feasibility.
- Facilitated multiple client meetings to discuss project needs and provide technical support.

## PROJECTS

Completed 15+ projects, focusing on machine learning, web development and app development.

### NHL Game Outcome Predictor

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

- Achieved 71.23% accuracy on test data using K-Fold cross-validation for robust model evaluation.
- Trained the model using Random Forest Classifier from scikit-learn and utilizing the historical match data collected by scraping the NHL's official website.
- Built a web app to display upcoming NHL games and show AI-predicted winners for selected matchups via a clean, responsive UI.

### Event Management App

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

- Developed an Android app enabling event registration through a lottery-based system with QR code scanning.
- Integrated Firebase for real-time event management and multi-user roles.
- Implemented optional geolocation verification to enhance accessibility and improve security.

### Recognizing Handwritten Numbers

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

- Trained and evaluated 3 neural networks: 2 MLPs and 1 CNN, to compare classification accuracy.
- Used fully connected Feed Forward Neural Network architecture for the MLP models.
- The CNN (Convolutional Neural Network) outperformed other models with an accuracy of 91.23%

## SKILLS

**Proficient in:** Python, C, C++, C#, Java, JavaScript, HTML/CSS, React, Unity, MongoDB, SQL, Node.js, Git

**Languages:** English, Bengali

## EXTRACURRICULAR ACTIVITIES

### School Football Team Captain | DPS STS School

Sept. 2019 – Sept. 2021

- Gained leadership experience and received 4 awards, including 2 MVPs, Top Scorer, and Best Forward.

### Logistics Lead | Ascension Foundation

Dec. 2019

- Organized local fundraising, raising 2,000 CAD through community engagement, for stray dogs.

### Volunteer | Winter Smiles

Dec. 2018

- Coordinated winter aid for over 1,000 underprivileged individuals.