

TOFA HOSSAIN

Location: St. John's, NL A1E 3J4

E-mail: tofa.hossainmoon@gmail.com

Links: [Portfolio](#) | [LinkedIn](#)

Phone: +1 (709) 219-5615

EDUCATION

Memorial University of Newfoundland

Fall 2024 - Present

- M.Sc in Computer Science with Cumulative GPA of 4.0 (Till Now)

American International University - Bangladesh

Spring 2020 - Summer 2023

- B.Sc in Computer Science and Engineering with Cumulative GPA of 3.88

WORK EXPERIENCES

[WSP](#)

September 2025 - April 2026

Full-Stack Developer Co-op, Full-time

- Contributed in multiple repositories, including web and mobile applications using by resolving over 22 jira tickets.
- Developed features, maintained and tested .NET backend to improve software quality and user experience.
- Provided reliable solutions to complex interdependent issues, by communicating with different internal departments.

[Idee Digital](#)

November 2024 - August 2025

Web Developer, Part-time

- Developed an admin panel with dashboard to manage contents and analyze user engagement using NextJS and AWS.
- Developed an external [payment page](#) to receive charitable donations, as a work around method.
- Designed UI and banners for websites using Figma to enhance front-end user experience.

[Banglalink](#)

June 2023 - September 2023

Service Assurance Management Intern, Full-time

- Daily, weekly, and monthly report generation on telecommunication network failure point data.
- Created an automation for data cleaning using Python - Pandas, improving document retrieval speed by 25%.
- Directly addressed 800+ customer concerns over call and email nationwide.

ACADEMIC PROJECTS

[Netflix Dataset Analysis](#) - Data Visualization

Winter 2025

- Developed interactive visualizations using D3.js and Plotly to identify distribution patterns across genres.
- Leveraged Python libraries to analyze content libraries, uncovering key recommendation patterns and trends.

Stock Trading Simulation - Software Engineering

Fall 2024

- Engineered a real-time trading platform using Node.js and EJS, MongoDB and synthesized stock data integration.
- Developed comprehensive analytics dashboards for portfolio management, real-time leaderboard and trade tracking.

SKILLS

- **Programming:** JavaScript, Python, React, NextJS, NodeJS, C#, HTML, CSS, Tailwindcss, SQL
- **Dev Tools:** Git, Docker, Jira, AWS(S3, Lambda), Linux, Seaborn, Matplotlib, D3.js, Plotly, LangChain
- **Softwares:** MS Office Suite: Word, Excel, Powerpoint, Figma, Adobe Photoshop, Notion

VOLUNTARY EXPERIENCES

- Volunteered in Make Midterm Matter
- Worked with BYLC (Bangladesh Youth Leadership Center), received Leadership Training Certificate
- Organized and participated in online FPS gaming competitions