

Shamayel Chowdhury

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EDUCATION

Dalhousie University

Bachelor of Computer Science, Minor in Economics, Under Co-op

Sept. 2022 – Present

Halifax, NS

EXPERIENCE

Financial Software Intern

Waterkeepers BD, NGO

Nov 2020 – June 2021

Dhaka, Bangladesh

- Created automation on Excel spreadsheets to contribute towards financial workflows.
- Applied Visual Basic.net solutions to integrate automated processes for basic bookkeeping, reducing manual data entry.
- This resulted in the reduction of account entry errors by 20% from the previous fiscal year.

Software Intern

Fazlisons Ltd.

Oct 2019 – March 2020

Chittagong, Bangladesh

- Designed additional functionalities to the website of a Sea Port Services Company (Fazlisons Ltd.), under the supervision of Ultimate IT Solutions Company.
- Implemented using HTML, JS, and Bootstrap to help implement services and client pages.
- The revamped website led to a significant improvement in user engagement, which led to a 40% increase in traffic.

PROJECTS

Rate Politician App | *Vue.js, HTML, JS, nodeJS, tailwind CSS, NewsAPI, MySQL*

Sept 2023

- Applied Vue.js and Tailwind CSS to design and implement a responsive, user-friendly interface for the "Rating Politician" app.
- Programmed the backend using MySQL and JavaScript. Designed and managed the database schema to efficiently store and retrieve politician data and user ratings.
- Developed interactive features using JavaScript, enabling users to rate politicians, view aggregated ratings, and access political profiles. Implemented real-time political news updates using NewsApi to convey news to users on the home page to make them well-informed.

QuickCash | *Android Studio, Java, Firebase, FCM*

April 2024

- Designed and constructed a Job Posting/Finding app with a team of 5 developers including me. Adhered to TDD, Agile Methodology and XP Programming principles when developing the android app.
- Designed and completed 16 User Stories, features integrating PayPal Sandbox, Google Maps API, etc.

EXTRA CURRICULAR

Treasurer

Dalhousie CyberSecurity Society

Feb 2023 – Present

Halifax, NS

- Bookkeeping and handling financial operations using Microsoft Excel.
- Distribution of tangible financial assets acquired from grants to help fund events
- Constructing financial statements and informational charts to help analyze semi-yearly cash flow (incoming and outgoing).

Community Teacher

Chittagong Grammar School/Dux School

August 2019 – June 2020

Chittagong, Bangladesh

- Conducted classes for underprivileged students in national curriculum-based schools in honor of the Duke of Edinburgh.
- Organized online workshops via Online Sessions on Zoom during the peak COVID-19 waves in 2020.

TECHNICAL SKILLS

Languages: Java, Python, C, SQL (MySQL), JavaScript, HTML, CSS, VisualBasic.Net

Frameworks: Node.js, JUnit, Mockito, Espresso, TailwindCSS

Developer Tools: Git, VS Code, IntelliJ, Eclipse, Wing IDE, Jupiter Notebook, Android Studios, Firebase, Bootstrap, Gradle

Libraries: Vue.js, pandas, NumPy, Matplotlib