

# Elman Islam

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Canadian-American software engineer with 2 years of experience in web development and strong proficiency in React, Angular and Node. Highly knowledgeable in operating systems, development environments, front-end and back-end programming languages, and data architecture. Deeply conversant with system integration testing (SIT) and user acceptance testing (UAT).

## EDUCATION

### University of Guelph

**Bachelor of Computer Science: Major in Software Engineering (Co-op)**

Minor in Mathematics

GPA: 3.6 / 4.0

Sep. 2020 – May 2025

Guelph, ON

## EXPERIENCE

### Fullstack Software Developer

NCR Voyix

Jan. 2024 – Aug. 2024

Waterloo, ON

- Designed and developed new software features and **Restful APIs** by using **HTML**, **CSS**, **JavaScript** (including **JQuery**, **React** and **Ajax**) for the front end of a large scale remote check deposit application
- Demonstrated exceptional problem-solving skills by detecting and fixing intricate bugs to enhance run-time performance by **20%** for important deliveries; leveraged Apache Ant to optimize various database operations.

### Test Automation Developer

The Co-operators

May 2023 – Aug. 2023

Guelph, ON

- Ran automated test cases using **Eclipse IDE** and **Selenium** to debug and report defects in client software
- Designed and developed integration and functional tests using **Java** and **SQL** with automated web browsers
- Wrote documentation for several QA teams to provide feedback and code reviews for source code
- Regularly wrote and updated bug defects with Jira to accurately report details of existing issues

### Frontend Developer

Proofpoint Inc.

May 2022 – Dec. 2022

Toronto, ON

- Built web application modules from scratch with **React** and **Angular** for client security software
- Developed object-oriented code in **Node.js** with **100%** accordance to industry and company standards
- Collaborated with a team of seven web designers to develop sleek and innovative UI design
- Learned multiple threading, design patterns, and their impacts on application concurrency

## PROJECTS

### Website Portfolio | *HTML, CSS, JavaScript*

June 2023 – Aug. 2023

- Developed a front-end web application using only HTML, CSS, and JavaScript to display work experiences, education, and other personal projects at [elmanislam.github.io](https://elmanislam.github.io)

### **Mr.Focus (Web App)** | *JavaScript, HTML, CSS, Bootstrap*

Jan. 2023 – Mar. 2023

- Developed a Chrome Extension that provides an easy way of staying productive when faced with important tasks by restricting the users access to entertainment-oriented websites.
- Incorporated Chromium's chrome.alarms API in order to run reminders that the user sets up for themselves of upcoming events

## TECHNICAL SKILLS

**Languages:** C, C++, C#, JavaScript, Typescript, Java, HTML/CSS, SQL, Python

**Frameworks/Libs:** Express, Node.js, NestJs, .NET, Angular, React, Bootstrap, Junit

**Developer Tools:** Git, GitHub, MatLab, GitLab, Linux, Eclipse, Vscode, MySQL, Jira, Maven, Figma

## AWARDS

### \$3500 Entrance Scholarship

Given to individuals with a 90% or higher average coming out of high school

Sep. 2020

### University of Guelph Dean's Honors List

Achieved a semester average of over 80% (occurs every semester)

Sep. 2020 - present