





# MUHAMMAD

# AFAQ AHMED

 [4zad.github.io/personal-portfolio](https://4zad.github.io/personal-portfolio)  
 [github.com/4zad](https://github.com/4zad)  
 [linkedin.com/in/4zad](https://linkedin.com/in/4zad)  
 [mahmed.4zad@gmail.com](mailto:mahmed.4zad@gmail.com)

## LANGUAGES

HTML5  
CSS3  
JavaScript (ES6)  
C / C++  
SQL & MQL

## LIBRARIES

Bootstrap  
jQuery  
React.js  
Node.js  
Express.js

## DATABASES

MySQL  
PostgreSQL  
Oracle 12c  
MongoDB

## TOOLKIT

VS Code & VS 2019  
Git & GitHub  
Figma  
Adobe Creative Suite  
Microsoft Office

## SKILLS

Object Oriented Design  
Unix/Linux (BASH)  
DOM Manipulation  
Wireframing  
Agile Methodology

## EDUCATION

**Seneca College** | North York, ON, CA  
Ontario College Advanced Diploma • Computer Programming & Analysis  
CGPA: 4.0/4.0 (President's Honour List - Winter 2021 & Summer 2021)

Jan 2021 – Jan 2024

## PROJECTS

### Calculator

HTML5 • CSS3 • JavaScript (ES6) • React.js • Bootstrap • ReactDOM • Git  
• In progress of creating a calculator web app using React.js with light and dark modes

Jan 2022 – In Progress

### Personal Portfolio Website

HTML5 • CSS3 • JavaScript (ES6) • Bootstrap • DOM • Adobe Creative Suite • Wireframing • Agile Methodology • Git  
• A responsive web portfolio, designed and built with HTML5, CSS3, and JavaScript (ES6) from scratch  
• Implemented fun and interactive animations throughout the website utilizing the Document Object Model (DOM), event listeners, and self-made, custom CSS animations  
• Utilized Bootstrap media queries and CSS functions (e.g., clamp, min, max) to make the website fully responsive

Nov 2021 – Dec 2021

### Delmoure College Website

HTML5 • CSS3 • JavaScript (ES6) • Bootstrap • PHP • DOM • Adobe Creative Suite • Git  
• A responsive mock college website, built from scratch utilizing HTML5, CSS3, and JavaScript (ES6)  
• Utilized Bootstrap media queries and the Document Object Model (DOM) to create a responsive navigation bar

Oct 2021 – Nov 2021

### Form Validation Web Application

HTML5 • CSS3 • JavaScript (ES6) • Bootstrap • DOM • Git  
• A responsive form validation web app, which validates form fields, built with HTML5, CSS3, and JavaScript (ES6)  
• Utilized the Document Object Model (DOM) to display error messages in error panel upon form submission

Nov 2021

### Hospital Patient Management Application

C++ • Object Oriented Programming • Flat File Database Integration • Git  
• Developed a massive application for hospital administrators to register patients, manage admittance, and deploy resources based on illness severity using object-oriented programming with database integration

Jul 2021 – Aug 2021

### Collection of C Programs

C • Modular Programming  
• Developed a variety of mini programs purely using the low-level language C, including a game, change maker, finance forecaster, journaling app, and bank account ticketing system

Jan 2021 – Apr 2021

## LEADERSHIP

### Volunteer Teaching Assistant | North York, ON, CA

Toronto District School Board  
• Taught 10-12 elementary students Arabic, which resulted in about 90% of my students being able to read and write basic Arabic by the end of the program

Sep 2016 – Apr 2017

### Freelance Photographer | Toronto, ON, CA

Muhammad's Lens  
• Established a photography business through various adverts, which led to the acquisition of 1-2 clients every week  
• Taught another student interested in photography by hiring him, which led to his own photography business

Jan 2019 – Nov 2019