





# MUHAMMAD

# AFAQ AHMED

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## LANGUAGES

HTML5  
CSS3  
JavaScript (ES6)  
C  
C++

## LIBRARIES

Bootstrap  
jQuery  
React.js  
Node.js  
Express.js

## DATABASES

MySQL  
PostgreSQL  
Oracle 12c  
MongoDB

## TOOLKIT

Visual Studio Code  
Visual Studio 2019  
Git & GitHub  
Figma  
Adobe Creative Suite

## 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** | PERSONAL PROJECT

JAN 2022 – IN PROGRESS

**HTML5 • CSS3 • JavaScript (ES6) • React.js • Bootstrap • ReactDOM • Git**  
• In progress of creating a calculator web app using React.js

**PERSONAL PORTFOLIO WEBSITE** | PERSONAL PROJECT

NOV 2021 – DEC 2021

**HTML5 • CSS3 • JavaScript (ES6) • Bootstrap • DOM • Adobe Creative Suite • Wireframing • Agile Methodology • Git**  
• Created a responsive, web portfolio that I 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

**DELMOURE COLLEGE WEBSITE** | PERSONAL PROJECT

OCT 2021 – NOV 2021

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

**FORM VALIDATION APP** | PERSONAL PROJECT

NOV 2021

**HTML5 • CSS3 • JavaScript (ES6) • Bootstrap • DOM • Git**  
• Built a responsive, form validation web app with plain HTML5, CSS3, and JavaScript (ES6), which validates form fields  
• Utilized the Document Object Model (DOM) and regular expressions to validate form fields for a set of criteria, that I have created myself, and then display any error messages informing the user of the form's criteria

**HOSPITAL PATIENT MANAGEMENT APPLICATION** | SCHOOL PROJECT

JUL 2021 – AUG 2021

**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

**COLLECTION OF C PROGRAMS** | PERSONAL & SCHOOL PROJECTS

JAN 2021 – APR 2021

**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

## LEADERSHIP

**VOLUNTEER TEACHING ASSISTANT** | TORONTO, ON, CA

NOV 2021 – DEC 2021

**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

**FREELANCE PHOTOGRAPHER** | TORONTO, ON, CA

JAN 2019 – NOV 2019

**Muhammad's Lens**

• Established my own photography business within 1 month through numerous online and offline 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