

## Mohammad Mustafa Ahmed

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### EDUCATION :

#### University of Massachusetts, Boston

Bachelor of Science in Computer Science

GPA : 3.5

### EXPERIENCE :

#### Henkel

Software Engineer Intern

May 2023 – August 2023

- Contributed to the development of web and mobile applications used within Henkel's various business units. Utilized technologies such as JavaScript, HTML, CSS, and React for front-end development and Node.js for back-end services.
- Implemented data analysis tools to help business units make data-driven decisions. Created dashboards and reports using tools like Tableau and SQL.

#### University of Massachusetts Boston

January 2023 - Present

Technovation Immersion Reality Apprentice & Makerspace Student Employee

- Collaborated with the Chemistry Department to employ mixed reality tools, such as [Nanome](#) within VR headsets, for the visualization of molecular structures, enhancing Teaching in Chemistry classes.
- Developed [360 tour](#) for Nursing Department.
- Published articles on [VR](#), [AR](#), [DSA](#), [Cryptography](#), [Brain-Computer Interfaces](#) sharing insights with the academic community.
- Utilized RoboMasters, Robot kits, Oculus Quest 2 and PrusaSlicer at [Technovator](#) and [Makerspace](#) to teach students about robotics, VR, AR, and 3D printing.
- Designed a [Smart home app](#) on Figma. Detailed info [About me](#), part of my Portfolio.

#### Paul English Applied Institute - [website](#)

April 2024 - Present

AI Researcher

- Conducting research on leveraging artificial intelligence to enhance educational learning experiences at universities.

### PROJECTS :

[Task Tracker](#) – Helps keep your tasks organized | **Html, CSS, JavaScript**

[Life expectancy Calculator](#) – Provides estimation of user's life expectancy based on their current age and location. | **HTML5, CSS3, Bootstrap 4, JavaScript, Flask, Jinga2, Pandas, Python**

[Password-Manager](#) - Web application designed to help users generate, evaluate, and manage strong passwords. | **JavaScript, HTML, CSS**

[Weather desktop Notifier](#) – A desktop application which notifies users about current weather conditions of a city or country. | **Python, Tkinter, Plyer, OpenWeatherMap.**