Ibrahim Miloua

in **LinkedIn** | 📱 **412-304-3275** | 🌐 **Website** | ✉ **abmilo123@gmail.com** | ⭘ **GitHub**

Skills

- C# | .NET | Java | JavaScript | Python | C++ | C | MongoDB | Node | React | MIPS | jQuery | BootStrap | Git | HTML | CSS
- OOP | Unity 2D | Game Development
- Microservices | Distributed Systems | Frontend | Backend | Full-Stack | English, Arabic, French– *All professional proficiency or above*

Education

Bachelor of Science   **University Of Pittsburgh**   *Pittsburgh, PA, USA*   **08/2022 - 04/2026**

- Major in Computer Science

Projects

- **Applied innovative technologies**, including **Matplotlib, Pandas, and NumPy,** to analyze data on sidewalk walkability, police incidents, and primary care facility locations, shaping a comprehensive metric for identifying the safest neighborhood in the Pittsburgh region for families. **(11/2022)**
- **MakeIt:** Creator of a 2D mobile strategy puzzle game using **Unity 2D, C#, (Android, iOS)**. **(07/2023)**
- Spearheaded the creation of a dynamic personal blog website, expertly coding and designing with **HTML, CSS, and JavaScript,** featuring responsive design for versatile device accessibility, and seamlessly hosted on a cloud platform with a custom domain for an elevated online presence. **(02/2023)**
- **AI hand-tracker:** Innovated user interaction and efficiency by pioneering a Python-based Computer Vision project, seamlessly tracking hand movements for automated computer tasks, and redefining human-computer interaction →Built using mediapipe and OpenCV. **(6/2023)**
- **Developed a user-friendly Age Calculator** web application using **HTML, CSS, and JavaScript**. The app provides a seamless experience for calculating age based on the inputted date of birth. Check out the project here to explore its intuitive design and precise age calculation functionality. **(7/2023)**
- **Implemented an Arduino-based project** utilizing ultrasonic sensors for room occupancy detection. Designed to enhance security and awareness, the system promptly alerts the user by printing **"ALERT"** to the console when a person enters the room, showcasing proficiency in hardware interfacing and real-time monitoring. **(05/2023)**

Volunteering

ICP Food Drive   **08/2022 - Current**

- **Contributing to the distribution of food for the local Islamic Center of Pittsburgh, empowering and nourishing the community.**
- **Association (10 - 12 years)**

Extracurricular

- **Hooligans Soccer Club, Computer Science Club, Running Club, Rock Climbing Club, and MSA.**

Others

- **Typing speed**: Demonstrated exceptional typing proficiency by consistently achieving a remarkable speed of 150+ words per minute, showcasing not only speed but also precision in keyboard mastery. **(~98% precision)**