MASUMA BEGUM

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SKILLS

- C/C++, Python, JavaScript, Java, TypeScript, SQL, HTML, CSS, Git, Selenium, Assembly
- React, Node.js, Express.js, Django, Angular, MongoDB, PostgreSQL, MS SQL Server, Tailwind CSS, Firebase
- UI/UX Design, Figma, Agile Development, OpenCV, Knowledge of Design Patterns

WORK EXPERIENCE

Fiverr: *Full Stack Web Developer* || Freelance   05/2024 – present
- Design and develop client websites using the MERN stack and various front-end and back-end technologies, delivering custom web solutions.
- Delivered responsive and functional web solutions from concept to deployment.

Seneca Polytechnic: *Coding Lab Assistant* || Toronto, ON   07/2024 – 12/2024
- Guided first-year students in C programming, troubleshooting and debugging code.
- Provided support through error analysis and bug fixing.

eLearnify360: *Software Developer* || Toronto, ON   05/2024 – 09/2024
- Developed and managed eLearnify360's website, ensuring optimal performance and user experience.
- Designed and implemented AI models using large language models (LLMs) and prompt engineering for instructional design and eLearning development.

PROJECTS

Seneca Engineering Competition 2024 (Winner): *Financial Literacy App*   09/2024
- Built a gamified financial literacy app using React.js and AI, allowing users to simulate financial decisions and track impacts on net worth, savings, and investments over a 10-year period.

eLearnify360: *Website Development*   05/2024
- Developed a fully functional and responsive website using JavaScript, HTML, and CSS.

Digital Data Design (D^3) Institute at Harvard: *An AI Idea Evaluator*   01/2024
- Created a tool using GPT-3.5 Turbo Model, Langchain, and Streamlit to evaluate business ideas with a focus on sustainability and market dynamics.

Seneca Polytechnic: *Imaginary Maze Game*   12/2024
- Developed a microcontroller-based maze navigation game using C and Assembly, integrating LEDs, audio, and an accelerometer, with plans to add vibration feedback for accessibility.

EDUCATION

Seneca Polytechnic || Toronto, ON   10/2022 – present
Bachelor of Software Engineering (BSA), Degree: Engineering
- **Relevant Coursework**: Data Structures and Algorithms, Operating Systems, Artificial Intelligence, Web Development, Software Engineering, OOP, Data Mining, System Requirements, Design Patterns, Project Management, Microprocessors & Computer Arch., Operating System, DC & AC Circuit
- **Achievements:** Maintained a GPA of 4.0/4.0 and named to the President's Honor List four times.

VULUNTEERING

Seneca Engineering Students' Society: *Full-Stack Developer* || Toronto, ON   07/2024 – present
- Develop and maintain the Seneca Engineering Student's Society website using Angular and back-end technologies, ensuring a seamless user experience.