

Mohamed Noor

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EDUCATION

Arizona State University, Ira A. Fulton Schools of Engineering, Tempe, AZ. **Present**
Bachelor of Science, Computer Science **GPA: 3.4**

Relevant Coursework: Data Structures, Algorithms and Analysis, Object-Oriented Programming, Digital Design Fundamentals. Coursework included logic gate design, combinational and sequential circuit analysis, flip-flops, state machines, and Verilog HDL. Gained experience in website building and design, learning HTML, CSS, and JavaScript to create responsive and interactive web applications.

SKILLS

Programming Languages: Python, Java, C, C++, Javascript, HTML, CSS, SQL, MATLAB, Assembly, Prolog, Lisp

Web Development: Front-end development with HTML, CSS, and JavaScript; experienced in building and styling websites with responsive layouts and interactive features

Version Control: Experienced with Git and GitHub for collaboration and source control

Algorithms & Data Structures: Solid understanding of common algorithms (search, sort, etc.) and data structures (linked lists, trees, hash maps)

Database Management: Familiar with SQL and relational database concepts

Teamwork & Communication: Effective in working collaboratively with teams and communicating technical ideas clearly

Additional Skills: Microsoft Excel, Word, PowerPoint, Business Analytics.

PROJECTS

Autonomous Mobility Support Robot

- Designed and built an autonomous robot to assist with mobility tasks in indoor environments.
- Integrated sensors and mechanical lifting arms to identify and assist wheelchair-bound passengers.
- Programmed navigation and control systems using **MATLAB** to automate route planning and obstacle avoidance.
- Used sensor-guided pathfinding to safely execute pickup and drop-off operations.

L'Oréal Product-Aware Routine Builder Chatbot

- Built an AI-powered skincare routine generator using **JavaScript**, **HTML**, **CSS**, **Cloudflare**, and the **OpenAI API** with real L'Oréal brand product data.
- Enabled product browsing, user selections, follow-up questions, and personalized routine generation through an interactive chatbot interface.
- Implemented clean **API handling**, modular JS logic, and a responsive, user-friendly UI.

Portfolio Website

- Built a personal website to showcase skills, resume, and projects.
- Used **JavaScript** along with **HTML** and **CSS** to design a clean and responsive interface.
- Implemented intuitive navigation and optimized layout for both desktop and mobile devices.
- Ensured accessibility and fast loading through performance-focused development.

OTHER EXPERIENCE

Direct Support Professional, Matread Care, Tempe, Az **March 2022 - March 2025**

- Monitored daily living for residents with disabilities, including hygiene, meals, and outings
- Maintained accurate daily care logs for 6–8 residents, ensuring 100% compliance with individualized support plans and state care regulations

In which ways have corporations successfully steered the Trump administration's policy making? Select one industry and analyze its tactics and goals. Include your thoughts on how this influence may or may not benefit the public.