

# BARAA NASAR

## Computer Engineering

### CONTACT

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### EDUCATION

2021 - 2026

**BIRZEIT UNIVERSITY**

- Bachelor's Degree in Computer Engineering

October 2024 - February 2025

**UDACITY**

- Front End Web Development Nanodegree

### SKILLS

- Python
- HTML
- Shell
- C
- Java
- CSS
- VHDL

### LANGUAGES

- Arabic: Native / Advanced
- English: Intermediate
- Chinese: Beginner

### PROFILE SUMMARY

A detail-oriented and motivated Computer Engineering student, skilled in web development using HTML, CSS, and JavaScript, with a focus on user experience. Experienced in database design, advanced SQL queries, and performance optimization. Passionate about continuous learning and applying technical skills in innovative projects.

### PROJECTS

#### Landing Page Project

- I designed and developed an interactive landing page using HTML, CSS, and JavaScript, featuring dynamic elements such as a navigation menu that adapts to scrolling, smooth transitions between sections, and active section highlighting to enhance the user experience. This project deepened my understanding of DOM interaction, improved user interface design, and the implementation of smooth effects using JavaScript.

#### Personal Blog Website

- I created a Personal Blog Website as part of the Udacity program, utilizing HTML, CSS, and JavaScript to build a responsive and visually appealing design. The project features a homepage and individual blog post pages with a unique layout, dynamic navigation bar, and interactive elements such as social media sharing options. By implementing Flexbox and Grid layouts, I ensured the site is fully responsive across various devices. This project allowed me to enhance my skills in web design, CSS organization, and multi-device compatibility, while adhering to modern web development practices.

#### Shell Scripting Project - gNMI-CLI Path Verification and Data Comparison

- Developed a custom shell scripting tool for gNMI-CLI path verification and data comparison. This project involved automating the retrieval of network data through the gNMI (Google Network Management Interface) protocol and comparing it with data obtained via CLI commands from network devices. The primary objective was to verify the accuracy and consistency of data from both sources, helping to improve the understanding of data collection and verification in network environments.