

# Hamza Albanna

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I am a Computer Science student with some experience as a freelance web developer. I am open to relocate anywhere in the United States. Aiming to apply and enhance my expertise in software to help a dynamic company drive innovation and achieve its growth objectives.

## Skills

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**Programming Languages:** Python, Java, C, MySQL, PostgreSQL, JavaScript, HTML/CSS

**Technologies:** Numpy, Pandas, Git CLI, Junit. React.js, Node.js, Next.js, Fast API, Tailwind

**Tools:** IntelliJ IDEA, VSCode, Jupyter Notebook, Linux

**Technical:** OOP Design Patterns, Object-Oriented Programming, Data Analysis, Data Structures and Algorithms, Machine Learning

## Projects

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### Phone Price Predictor

- Improved model accuracy by selecting optimal features with SelectKBest and SelectFromModel.
- Implemented and evaluated multiple models, including Linear Regression, Decision Trees, and LSTMs, to achieve an accuracy of 76%.
- Normalized data using Min-Max scaling to ensure model stability and consistency.
- Visualized results using Matplotlib for clear, data-driven presentations.

### Quick chat (real time chatting web app)

- Used React.js, Tailwind, and firebase to create a basic Realtime chat application
- Implemented Google Oauth2 authentication to allow people to sign up using their Google accounts

## Experience

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### Freelance

Web Developer

2024

- Collaborated with clients using Figma to design intuitive user interfaces and gather precise design and technical requirements.
- Developed dynamic and responsive websites leveraging TypeScript, React.js, and Tailwind CSS for seamless user experiences.

## Education

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**HTU (Al-Hussein Technical University)**

Expected Graduation: 2026

**Bachelor's degree in computer science**

**Related Coursework:** Design Patterns in Java, Object-Oriented Programming in Java, Data Structures and Algorithms, Data Analysis and Machine Learning in Python, Discrete Math, Operating Systems, Software Engineering, Web Development