
Heena Khan

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EDUCATION

Stanford University

Expected Graduation: December 2026/March 2027

Bachelor of Science, Computer Science - Artificial Intelligence

Relevant Coursework: Programming Abstractions, Data Structures & Algorithms Discrete Mathematics, Probability and Statistics, Artificial Intelligence, Operating Systems, Computer Systems

EXPERIENCE

Software Intern – Data & UX Integration

Neurotrack Technologies

Palo Alto, CA | June 2025 – August 2025

- Designed and executed statistical analyses on cognitive assessment datasets containing 50,000+ patient records, analyzing response patterns and performance metrics from cognitive questionnaires to identify data quality issues and user experience bottlenecks
- Built automated data pipelines using Python and R to clean and process questionnaire response data, standardizing formats and removing inconsistencies to enable reproducible analysis for product teams
- Collaborated with product managers to define core metrics around assessment completion rates, response times, and user engagement patterns, translating business questions about platform usability into statistical analysis frameworks
- Implemented A/B testing frameworks to measure the impact of UX changes on questionnaire completion rates and response quality, providing data-driven insights to improve the cognitive assessment user experience

Stanford Design Fellow

Pull for Progress

Palo Alto, CA | 2024 - Present

- Built interactive web applications using HTML/CSS, JavaScript, and D3.js with responsive design principles, resulting in increased user engagement and helping secure strategic collaborations including with Stanford Global Health Initiative.
- Developed a geospatial data visualization project using Python, Pandas, and Folium to model healthcare workforce deployment, integrating cost-effectiveness metrics and risk profiling.

Stanford Tech and Innovation Fellow

Afghanistan Women's Council

New York, NY | 2023 – 2024

- Built and designed Khaista Market e-commerce website using React, CSS Grid, and responsive design principles, enabling 100+ Afghan women artisans to showcase and sell handmade goods to global audiences.
- Collaborated with the Afghanistan Women's Council to scope features, build frontend architecture, and ensure accessibility for users in low-bandwidth regions.
- Designed and developed the UI with a focus on clarity, simplicity, and mobile responsiveness, improving ease of use across international audiences.

PROJECTS

ModestFilter AI – Chrome Extension

Personal Project *JavaScript, React, Python, HuggingFace, OpenCV*

Developing a Chrome extension that scans fashion retail sites to extract product listings and automatically filter modest clothing using computer vision and NLP. The extension classifies items based on features like sleeve length, neckline, and fit, and displays hijabi-friendly options in a custom UI.

Mobile Maristan

React Native, Figma

Developed a mobile mental health app inspired by the Maristan nonprofit, integrating Islamic psychology into features like guided journaling and audio-based spiritual exercises. Built using React Native and Figma, with a focus on culturally relevant, accessible UX for Muslim users.

SKILLS

Programming Languages: Python, C++, Java, R, SQL, HTML/CSS, JavaScript, Node.js

Frameworks & Libraries: React, Pandas, Folium, OpenCV

Tools & Platforms: Git, Figma, HuggingFace, Chrome APIs

Techniques: Data Visualization, Statistical Modeling, A/B Testing