Zahra Tabatabaee

Product designer

Tehran
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LinkedIn | github | portfolio

EXPERIENCE

Iran University of science and technology April 2021 - Present
Teacher Assistant

Assisted in teaching courses including Computer Vision, Artificial Intelligence, and Computer Architecture to over 50 students.

Developed course materials, graded assignments, and provided support to students.

Mohaymen ICT Group July 2023 - September 2023
Front-End internship

I gained a solid foundation in HTML, CSS, and JavaScript, enabling me to build and style web pages. I learned responsive design for cross-device compatibility and explored React for dynamic applications. For the final project, I collaborated with a team of five to develop a messenger app.

EDUCATION

Iran University of science and technology September 2020 - Present
Bachelor in Computer engineering

Collaborated as part of a team in a Systems and Design course, adopting agile methodologies, focusing on the front-end development and design of an online food ordering system.

Served as the Scrum Master and Product Owner, leading teams through the development of a project in the Systems and Design course.

Participated in a Software Engineering course team, designing an online gaming e-commerce platform using Figma, and contributing to front-end development with React and testing with Vitest.

VOLUNTARILY

Scientific Society of Computer Engineering September 2021- Present

Over the past few years, I have been actively involved in various activities within the community. One notable event I organized was the Summer Boot Camp at Cesa College. Additionally, I have been engaged in marketing and visual identity projects, where I serve as the head of the Art department.

SKILLS

Apps: Photoshop, illustrator, Figma
Languages: Python, C/C++, C#, HTML, CSS, Kotlin
Framework: React, Docker, Blazor, Django
Libraries: Scikit-Learn, TensorFlow(Keras), PyTorch, Numpy, Pandas, Matplotlib, Plotly, Faiss, Redux, Tailwind
Others: Git, SQL, LaTeX, Design Pattern
Soft Skills: Critical Thinking, Research, Teamwork, Problem-Solving, Communication, Adaptability

COURSES

• Uxcel | UX Design foundation

• Uxcel | Design terminology

• Uxcel | UI Components 1

• Uxcel | Design Mentorship Mastery with ADPList

• Uxcel | UX Design Patterns with Checklist Design

• Uxcel | UX Research

• Coursera (Google) | Foundations of User Experience (UX) Design

• University of California San Diego| Algorithmic Toolbox

• University of California San Diego| Data Structures

• University of California San Diego| Algorithms on Strings

• University of California San Diego| Algorithms On Graphs

• Iran University of science and technology| Artificial intelligence

• Iran University of science and technology| Computer Vision

• Iran University of science and technology| Computational intelligence

• Iran University of science and technology| Data Science

• Iran University of science and technology| Deep Learning

PROJECTS

Bale karzar

- Tech : Figam , React,

- Bale wanted to organize a competition for **Programmer's Day** and needed a dedicated website for the event. Based on this need and the site's requirements, I researched **similar platforms** and designed the website in **Figma**, aligning it with the **Bale brand** and its related websites. After completing the design, I proceeded to develop the **frontend** using **React**.

Bale Job Board

- Tech : Figam

- I started by conducting a **needs assessment** and identified the lack of a good job board in Bale. I then performed **benchmarking**, analyzing similar websites to identify the key features the site should have. Afterward, I sketched an **initial draft** by hand to outline the basic structure. Based on this, and aligned with the **Bale.ai design**, I moved forward with designing the job board site in **Figma**.

Rasa messenger

- Tech : React, Redux, Tailwind CSS
- Developed a dynamic messenger app enhancing user engagement.

Barium App

- Tech : Kotlin

- Designed a Kotlin app that monitors signal strength, cell technology, and location on a client phone, sending data via SMS to a server phone running an Android service, which processes the information and can be managed through a user interface.

OPEX Shop

- Tech : React, Redux, Tailwind CSS
- Developed an e-commerce platform with a user-friendly interface.

Accordion

- Tech : React, Redux, Tailwind CSS
- Developed a music platform

OCR Project

- Tech : Python
- Developed an OCR system that increased text extraction

Scanner

- Tech : Python
- Implemented a scanning python code for efficient document digitization.

Face Mask

- Tech : Python
- Created a model that detect face and put mask on face

Shape Recognition

- Tech : Python
- Built a shape recognition tool using computer vision techniques.

Pendulum-AI

- Tech : Python
- Designed an AI-powered pendulum simulation.