

# Meelad Dashti

Yazd - Iran

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📍 meldashti

## EDUCATION

### Yazd University

*B.Sc. Computer Engineering*

Yazd, Iran

Sep 2022

- Last year's GPA: 17.265/20
- CGPA: 15.71/20 with 140 credits passed
- Focus: Software Engineering.

### Oakridge International School

*High School Diploma*

Hyderabad, India

May 2017

- Diploma in Mathematics and Physics
- Grade: 84 percent for 12th-grade CBSE board exams

## EXPERIENCE

### Pishgaman Innovation Accelerator

*Android Development*

Yazd, Iran

June 2022 - Nov 2022

- Built an android application (Nemad App) for managing public complaints in municipality services.
- Nemad is a smart management system for the city of Yazd that allows people to send their complaints, suggestions, experience and rating about managers and services in different organizations.
- Suggested and formulated various algorithms with the web development team to solve API-related problems.
- Implemented MVVM architecture using Hilt, Dagger 2, and coroutines.
- Implemented multiple nested nav graphs for smooth user experience.
- Formulated recursive functions to flatten nested JSON to improve search performance.
- Enhanced performance of multiple memory-intensive components using the Android Profiler.

### CE Department, Yazd University

*Undergraduate Teacher Assistant*

Yazd, Iran

June 2022 - Sept 2022

#### Software Engineering

*Dr. Mohammad Tahmasebi, TA*

(Spring 2022)

#### Formal Languages and Automata Theory

*Dr. Mohammad Tahmasebi, TA*

(Spring 2022, Fall 2021)

### Freelance

*Android Developer*

Remote

June 2020 - Present

- Designed and built multiple android applications for clients.

### GSPANN TECHNOLOGIES INC - Internship

*Web Development*

Hyderabad, India

May 2016 - July 2016

- Learned HTML, CSS, and basics of web development.
- Collaborated with UI/UX designers, engineers and product managers to build great experiences.

## SELECTED PROJECTS

### Shopfiesta

Aug 2017 - Present

- An e-commerce android application built from the ground up, from planning and designing all the way to solving real-life problems with code
- Submitted as Bachelor's degree software project. (20/20)
- Used Firebase services for advertisement notifications
- Setup custom server to handle purchase requests
- Implemented JWT token to increase customer security and make API secure from hackers.
- Designed and built ERD with the database.
- Banking API used to handle transactions.

### Fitness App

Feb 2016 - May 2017

- Began a group to create the first 36 hour student-run hackathon ever held at Illinois
- Led 50 staff to raise \$175,000 for HackIllinois, managing relationships with 60+ sponsors
- Plan events to increase social interaction among ACM members, as well as events to foster the spirit of computer science at Illinois

## Neural AI DETECTION

Jan 2015 – May 2015

- Projects that I completed for tensor flow and Deep learning AI course
- Attend information sessions, admitted student Q&A's, and student lunches to generate interest in the Illinois Computer Science department

## Offline Search Engine

- A crawler-based search engine that supports features such as ranking, indexing, and web crawling.
- Implemented inverted index with XML document parsing.

## ToDo List App

Fall 2020

- To-do list application is a simple and compact app where you can set reminders. The tasks are categorized such that the user can view tasks on a priority basis.
- Attend information sessions, admitted student Q&A's, and student lunches to generate interest in the Illinois Computer Science department

## Full-Stack Project

Spring 2022

- This is a full-stack project that I developed for my Internet Engineering Course.
- Attend information sessions, admitted student Q&A's, and student lunches to generate interest in the Illinois Computer Science department

## AWARDS AND ACHIEVEMENTS

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- **Ranked 6th** among B.Sc. students in Computer Engineering department, Yazd University.
- **Ranked 3rd** in 12th class CBSE Board exams

## Test Scores

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**IELTS ACADEMIC:** Overall 8

- Speaking: 8.5
- Listening: 8
- Reading: 8
- Writing: 7

## Languages

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**English:** Native language

**Persian:** Native Language

**Hindi:** Fluent

**Telugu:** Elementary

## Extra Curricular Activities

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### Member Of Scientific Staff

Computer Engineering Scientific Association  
Yazd University

May 2020–Jun 2021

### Student Council Member

Serving as the House Captain  
Oakridge International School

July 2015–May 2017

### Volunteer

OAKMUN  
Oakridge International School

Spring 2016

## Research Interests

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- Artificial Intelligence
- Machine Learning
- Community Detection
- Data Science
- Blockchain Technology

## Computer skills

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**Application Development:** Android Studio, Kotlin    **Programming Languages:** Python, PHP, C, Kotlin, MATLAB, Java, SQL  
**Frameworks & Libraries:** Scikit-learn, Matplotlib, Scipy, NetworkX, Cython, Dicom, TensorFlow, PyTorch, Firebase, PHP, MySQL  
**Tools:** Jupyter Notebook, R Studio,  $\text{\LaTeX}$ , Git, Mark-down  
**Web/DB Technologies:** HTML, CSS, JavaScript, Research & Searching ability  
**Others:** Linux, MS Office, Adobe Photoshop & Xd

## Professional Certificates

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**Introduction to TensorFlow for Artificial Intelligence** [↗](#)  
Coursera Issued Aug 2022  
**Blockchain Basics** [↗](#)  
Coursera Issued Aug 2022  
**Convolutional Neural Networks in TensorFlow** [↗](#)  
Coursera Issued Dec 2022  
**Decentralized Applications (Dapps)** [↗](#)  
Coursera Issued Dec 2022

## Selected Relevant Coursework

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<b>Fundamentals of Programming:</b> 20/20	<b>Algorithms Design:</b> 18.20/20
<b>Data Mining:</b> 19.5/20	<b>DB Lab:</b> 18.5/20
<b>Theory of Machines &amp; Languages:</b> 17.9/20	<b>DB Design and Implementation:</b> 17/20
<b>Formal Languages and Automata Theory:</b> 18.2/20	<b>Design and Analysis of Algorithms:</b> 17/20
<b>Software Engineering:</b> 17.75/20	<b>Project (Software):</b> 20/20
<b>MATLAB Programming Workshop:</b> 19.20/20	<b>Artificial Intelligence:</b> 18.5/20
<b>Information Retrieval:</b> 18.1/20	<b>Design of Programming Languages:</b> 18.5/20

[Click here to see more](#) [↗](#)

## Interests

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- Reading Books
- Music
- Chess
- Football
- Travelling

## References

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<b>Dr. Mohammad Tahmasebi</b> Assistant Professor, <a href="mailto:tahmasebi@yazd.ac.ir">tahmasebi@yazd.ac.ir</a> Department of Computer Engineering, Faculty of Engineering, Yazd University	<b>Yazd, Iran</b>
<b>Dr. Seyed Mojtaba Matinkhah</b> Assistant Professor, <a href="mailto:matinkhah@yazd.ac.ir">matinkhah@yazd.ac.ir</a> Department of Computer Engineering, Faculty of Engineering, Yazd University	<b>Yazd, Iran</b>