

# 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 how to create static websites with HTML, CSS, and javascript.
- 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.

### Full-Stack Project

Spring 2022

- This is a full-stack project I developed for my Internet Engineering Course.
- A simple website for a company where employees can subscribe to the weekly newsletter. Employees that Subscribed can also be viewed and searched for customized newsletter.

### Neural Networks

July 2022 - Dec 2022

- Projects that I completed for tensor flow and Deep learning AI course
- Coded a neural network that learned the linear relationship between two variables
- Implemented a callback that gives you more control over the training loop for your model
- Implemented a convolution neural network to assist the classification task for complex images
- implemented a convolutional neural network that is able to perform multi-class classification tasks
- Coded a convolutional neural network that leverages a pre-trained network to help solve the problem of classifying.

#### Offline Search Engine [↗](#)

*Fall 2021*

- 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

## Test Scores

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#### IELTS ACADEMIC: Overall 8

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

## AWARDS AND ACHIEVEMENTS

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

## 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*

*May 2020–Jun 2021*

Yazd University

#### Student Council Member

*Serving as the House Captain*

*July 2015–May 2017*

Oakridge International School

#### Volunteer

*OAKMUN*

*Spring 2016*

Oakridge International School

## Research Interests

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- Artificial Intelligence
- Machine Learning
- Convolutional Neural Networks
- Data Science
- Blockchain Technology

## Professional Certificates

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#### Introduction to TensorFlow for Artificial Intelligence [↗](#)

*Coursera*

*Issued Aug 2022*

#### Blockchain Basics [↗](#)

Coursera

**Convolutional Neural Networks in TensorFlow** [↗](#)

Coursera

Issued Aug 2022

Issued Dec 2022

## Computer skills

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**Application Development:** Android Studio, Kotlin, Dart, Flutter  
**Frameworks & Libraries:** Retrofit, Android Jetpack, TensorFlow, Keras, Hilt, RxJava, Matplotlib  
**Tools:** Jupyter Notebook, L<sup>A</sup>T<sub>E</sub>X, Git, Markdown

**Programming Languages:** Python, PHP, C, Kotlin, MATLAB, Java, SQL  
**Web/DB Technologies:** HTML, CSS, JavaScript, Firebase, PHP, MySQL  
**Others:** Figma, Linux, MS Office, Adobe Photoshop & Xd

## Selected Relevant Coursework

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**Fundamentals of Programming:** 20/20  
**Project (Software):** 20/20  
**Design of Programming Languages:** 18.5/20  
**Information Retrieval:** 18.1/20  
**Software Engineering:** 18/20  
**MATLAB Programming Workshop:** 19/20  
**Design of Programming Languages:** 18.5/20

hey there long time

[Click here to see more](#) [↗](#)

**Algorithms Design:** 18.20/20  
**Internet Engineering :** 19.5/20  
**Fundamentals of Secure Computing:** 19/20  
**Microprocessor and Assembly Language:** 18.4/20  
**Data Mining:** 16.5/20  
**Computer Networks:** 17.75/20  
**Formal Languages and Automata Theory:** 18.2/20

## Interests

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- Reading Books
- Football

- Music
- Travelling

- Chess
- Hiking

## References

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**Dr. Mohammad Tahmasebi** [↗](#)

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Yazd, Iran

**Dr. Fazlollah Adibnia** [↗](#)

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