

Meelad Dashti

Yazd - Iran

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EDUCATION

Yazd University

B.Sc. Computer Engineering

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

Yazd, Iran

Sep 2022

Oakridge International School

High School Diploma

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

Hyderabad, India

May 2017

EXPERIENCE

Pishgaman Innovation Accelerator [↗](#)

Android Development

- 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 a 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.

Yazd, Iran

June 2022 - Nov 2022

CE Department, Yazd University

Undergraduate Teacher Assistant

Software Engineering

Dr. Mohammad Tahmasebi, TA

Yazd, Iran

June 2022 - Sept 2022

(Spring 2022)

Formal Languages and Automata Theory

Dr. Mohammad Tahmasebi, TA

(Spring 2022, Fall 2021)

Freelance

Android Developer

- Designed and built multiple Android applications for clients.

Remote

June 2020 - Present

GSPANN TECHNOLOGIES INC - Internship

Web Development

- Learned how to create static websites with HTML, CSS, and javascript.
- Collaborated with UI/UX designers, engineers and product managers to build great experiences.

Hyderabad, India

May 2016 - July 2016

SELECTED PROJECTS

Shopfiesta [↗](#)

- 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.

Aug 2021 - Sep 2022

Full-Stack Project [↗](#)

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

Spring 2022

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.

To-Do 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.
- This application demonstrates modern android development with Hilt, Coroutines, Flow, Jetpack (Room, ViewModel), and Material Design based on MVVM architecture.

Test Scores

IELTS ACADEMIC: Overall 8

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

AWARDS AND ACHIEVEMENTS

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

Languages

English: Native language

Persian: Native Language

Hindi: Fluent

Telugu: Elementary

Extra Curricular Activities

Member Of Scientific Staff <i>Computer Engineering Scientific Association</i> Yazd University	May 2020–Jun 2021
Student Council Member <i>Serving as the House Captain</i> Oakridge International School	July 2015–May 2017
Volunteer <i>OAKMUN</i> Oakridge International School	Spring 2016

Research Interests

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

Professional Certificates

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

DeepLearning.AI

Issued Aug 2022

Convolutional Neural Networks in TensorFlow [↗](#)

DeepLearning.AI

Issued Dec 2022

Blockchain Basics [↗](#)

Coursera

Issued Aug 2022

Computer skills

Application Development: Android Studio, Kotlin, Dart, Flutter

Frameworks & Libraries: Retrofit, Android Jetpack, TensorFlow, Keras, Hilt, RxJava, Matplotlib

Tools: Jupyter Notebook, L^AT_EX, 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

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

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

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Interests

○ Reading Books

○ Football

○ Music

○ Travelling

○ Chess

○ Hiking

References

Dr. Mohammad Tahmasebi [↗](#)

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Yazd, Iran

Dr. Fazlollah Adibnia [↗](#)

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