NAMAN DANGI

Computer Science and Engineering Undergraduate, Mumbai, IN

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EDUCATION.

Dwarkadas J. Sanghvi College of Engineering, Mumbai, IN
Bachelors of Computer Engineering
CGPA: 8.83/10 (After 4 Semesters)
Semester 4: 10 | Semester 3: 10 | Semester 2: 7.15 | Semester 1: 8.15
Analysis of Algorithms,Database Management Systems, Data Structures, Operating Systems, Computer Organization and Architecture.

Pace Junior Science College, Andheri, Mumbai, IN
Higher Secondary Certificate- Grade 12
Best of 4: 93.55% | *Overall :* 90.3%
Major: Science | Elective: Computer Science in C++

Children's Academy ,Kandivali, Mumbai, IN
Indian Certificate of Secondary Education- Grade 10
Best of 5: 95% | Overall: 94.6%
Elective: PCMB, Computer Applications using BlueJ

SKILLS.

Web Development: *Backend*: MVC frameworks, Node.js, Node.js REST Framework, ODM using Mongoose, ORM using Sequelize
Frontend: HTML, CSS, JavaScript, BootStrap, ReactJS, Material-UI
Database : MongoDB/Atlas , PostgreSQL , MySQL

Languages: Java, Python, JavaScript, C /C++, Go

Augmented Reality: Familiar with the basics, have worked on a small project

Game Development: Developed 3D/2D games using UnityEngine. Currently working on project under a college professor.

Machine Learning: Experienced in application of various supervised & unsupervised learning algorithms . Studying Deep Learning models.

EXPERIENCE

SoftSensor AI Labs, Mumbai, IN
Research Intern-August 2020-Present
Working on problems involving Whole Slide Images (WSIs) for tasks like segmentation and metastasis study of cancerous cells in Histopathology Images

DJ Unicode, Mumbai, IN
Student Mentor-July 2020-Present
Mentoring a batch of incoming sophomores at an organization actively involved in developing open source software solutions :
https://djunicode.in/
Full Stack Mentee-August 2019-July 2020
Working as a full stack web developer on an open source project :
https://github.com/namandangi/masters-information-portal

DJ ACM, Mumbai, IN
Co-Editorial Head-October 2019-August 2020
Organized the LOC hackathon as well as the Futures101 with some of the distinguished alumni of our college along with multiple other events
Published the DJ ACM magazine

Mach15 Edge Technologies, Mumbai, IN
Full Stack Web Developer Intern-August 2019-October 2019
Setup and wrote queries for the database in PostgreSQL
Linked the frontend ReactJs application with a Node.js backend

Internshala Student Partner, Mumbai, IN
ISP-15 Program-June 2019-August 2019
Worked as a Student Campus Ambassador for Internshala
Created awareness about various internships opportunities and training programs among students

peAR Technologies, Mumbai, IN
App Developer-January 2019-March 2019
Made a prototype for the application using the UnityEngine
Integrated Augmented-Reality Models within the application
Setup and wrote queries for the database using Firebase

PROJECTS.

MASTERS INFORMATION PORTAL
Currently working on an open source project taken up by a student chapter--UNICODE . It aims at bridging the gap between the college and its alumni by developing a portal to help guide the current undergraduate students with their masters application. It includes direct chats,forum threads,popular college tags,user profiles, etc.
https://github.com/djunicode/masters-information-portal

WEATHER-APP
A fullstack MERN project implementing Open Weather API to fetch real time weather data across the globe and integrating it with Algolia Places API for auto completing names of cities /places . Implemented User authentication and authorization using JWT and weather history for users
https://github.com/namandangi/Weather-App

COMICS
Comics is a web scraper based comic(manga)-viewer to improve user reading experience .It is bootstrapped using Embedded JavaScript(EJS).Currently working on adding support for streaming animes.
https://github.com/namandangi/comics

YELPCAMP
This project was made with an aim of improving user-experience for selecting campgrounds and helping people discover many more fascinating locations. The project implemented authentication and authorization using passport.js middlewares and the client-end was templated using Embedded JavaScript.
https://github.com/namandangi/YelpCamp

VARIOUS COMPUTER VISION / MACHINE LEARNING PROJECTS
Completed several computer vision projects like generating Synthetic Images from DCGANs ,Denoising and Super Resolving Images using AutoEncoders , Transferring image styles from content to source images using Neural Style Transfer ,Face Detection using Siamese Network . Developed a Recommender System using SVD and K-Nearest Neighbours , working on a text-summary based Recommender System.
https://github.com/namandangi/Computer-Vision

DODGE
A fun 3D hyper casual game scripted using C# programming language on the UnityHub Platform. Completed physics engine ,graphics rendering and enemyBotAI .
https://github.com/namandangi/DODGE