

NAMAN DANGI

+91-9930388026 | mail@namandangi.me | www.namandangi.me | linkedin.com/in/namandangi | github.com/namandangi

EDUCATION

Bachelor's of Engineering, Computer Engineering

August 2018 - June 2022

University of Mumbai

CGPA (5 semesters): 9.03 out of 10

SKILLS

Languages Proficient: Javascript, Java, Python. Workable: Typescript, C, C++, C#, GO

Tools & Frameworks HTML, CSS, SASS, jQuery, Node.js, React.js, Git, MongoDB, Mongoose, PostgreSQL, Sequelize, Redis, Puppeteer, Electron.js, Mocha, Chai, Figma, LaTeX, Numpy, Pandas, Tensorflow, Keras, Matplotlib, Seaborn

Relevant Coursework Object Oriented Programming, Data Structures, Operating System, Analysis of Algorithms, Database Management System, Machine Learning, Deep Learning & AI

WORK EXPERIENCE

Research Intern

August 2020 - Present

SoftSensor AI Labs

- Working on multiple problems involving Whole Slide Images for tasks like segmentation & study of metastasis cancerous cells in histopathology.
- Developing a vendor neutral, AI powered software prototype to facilitate doctors & pathologists in annotating, analyzing & processing medical images for comparative studies & diagnosis.

Full Stack Developer

January 2020 - July 2020

DJ Unicode

- Collaborated with a team of seven developers to build a website portal to assist alumni across the world, guide the current batch of their Alma mater in a distributed & Don't-Repeat-Yourself fashion.
- Engineered and maintained some of the major features of the project's web application using ES6, Node.js, React.js, MongoDB Atlas, Mongoose, Mocha & Chai.

Full Stack Developer

August 2019 - October 2019

Mach15 Edge Technologies

- Teamed up with two user interface developers to create a marketing and an e-commerce website for BandBaazar, a startup aimed at providing marketing tools & industry opportunities for emerging musicians, artists & bands.
- Developed and administered the project's database, handled server-client integration using ES6, Node.js, React.js, PostgreSQL.

App Developer

January 2019 - March 2019

peAR Technologies

- Partnered with a 3D modeling artist to implement an AR-based application for peAR, an AI/VR based startup envisioning Augmented Reality in the Food and Hotel industry.
- Orchestrated a prototype of the application and architected the project's database using C#, Unity Game Engine, Blender & Firebase.

PROJECTS

SoftSensor Labs AI Portal

- A software prototype to facilitate pathologists & doctors to analyze, annotate & process medical data like Whole-Slides, MRIs & CT scans for comparative studies & diagnosis.

Comic Reader

- A web scraper based comic reader, supporting headless and core jQuery scraping, filtering via tags, searching and automated scraping of subscribed content to read from over 1,200 different comics.

Whole Slide Image preprocessing, segmentation, lymphocyte count & localization

- Researched & implemented over 20 different image-thresholding techniques for preprocessing WSI patches. Trained Deep Learning Models for segmenting tumors, counting lymphocytes, & localizing contours, achieving IOU scores over 90%.

Miscellaneous [github.com/namandangi]

- Over 40 projects on GitHub built for personal learning, coursework and competitions.

VOLUNTEERING

DJ Unicode Co-Mentoring a team of 7 sophomores in various projects & activities while serving as a Program Manager.

Lines of Code Served as a guide for a hackathon consisting of 40 teams for 24 hours.

Internshala Student Partner Won a gold-level award for creating awareness about various internships opportunities & training programs among students, while working as a Student Campus Ambassador for Internshala.

Hour of Code Volunteered to teach programming & fundamentals of computer science to over 100 students.