Prince Modi

Upcoming graduate offering a strong foundation in computer science fundamentals including computer architecture, operating systems, computer networking. Looking for opportunities in the field of systems software engineering

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EDUCATION

UVPCE, GNU — *B.E. Computer Engineering*

July 2018 - Present(May 2022 Anticipated)

Currently a 4th-year student at UVPCE, GNU with a CGPA of 9

Ranked among the top 5 in the department.

PROJECTS

Name: RPOS with Climate Control — *Role: Developer*

Building a Linux-based operating system for raspberry pi with interrupt handling, process scheduler, system calls, memory management, file system, and drivers for various sensors. **(Work in progress)**

Tools Utilized: C, Assembly, make, Raspberry Pi 4b

Name: Movie Recommendation System — *Role: Developer*

Developed a web app in Flask that recommends movies based on the input received from the user.

Tools Utilized: Python, Flask, Machine Learning(Collaborative Filtering)

Name: GIST(YouTube captions to summary) — *Role: Developer*

COURSES/CERTIFICATES

Algorithms: Design and Analysis I, II
By Tim Roughgarden, Stanford University, edX

The Bits and Bytes of Computer Networking
By Google, Coursera

Learning How To Learn
By Barbara Oakley, Deep Teaching Solutions, Coursera

HOBBIES

Reading *(fiction and nonfiction books, articles, papers, etc.)*

Learning music *(guitar and ukulele)*

SKILLS

C & Python

Data Structures and Algorithms

Object-Oriented Programming

Computer Architecture

Computer Networks

Operating Systems

SOFT SKILLS

Verbal/Non-Verbal Communication

Logical & Critical Thinking

Research & Analysis

Typing Speed Avg 90 WPM

AWARDS

Earned a scholarship based on academic performance from the university in 2019

Earned second place in the city in a general knowledge competition

LANGUAGES

English, Hindi, Gujarati