Manan Goel

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EXPERIENCE

Fibonacci Labs — *Intern*

I worked on a data mining project where a web scraper collected data from GitHub. My job was to optimise the web scraping process to get the most data in the least amount of time along with making a proxy rotator.

EDUCATION

International Institute of Information Technology, Hyderabad

- B.Tech. in Computer Science and M.S. by Research in Computational Natural Sciences

  August 2017 - May 2022

  C.G.P.A – 8.41

St. Theresa's Convent School, Karnal

- Senior Secondary, CBSE

  Percentage: 93.6%

- Secondary, CBSE

  C.G.P.A – 9.8

PROJECTS

- **POS System for Best Bhoj**

  I designed a web-based POS system for Best Bhoj, an eatery in my hometown, Karnal since they had multiple branches and the databases needed to be in sync. The back-end was implemented in Django with database management done in SQLite3.

  Link: https://github.com/manangoel99/BestBhojv2

SKILLS

Python · **Javascript** · **C++** · C · **Git** · **Django** · HTML · CSS · **MySQL** · Shell Scripting · Octave · **Linux** · Numpy · Bootstrap · Scikit learn · Scipy · **React JS** · **Node JS** · Leaflet · Golang · Flask · PostgreSQL · **OpenGL** · **Selenium** · REST API · STL

ACHIEVEMENTS

JEE Main 2017: Ranked 2543 among 1.2 Million People

JEE Advanced 2017: Ranked 3801 among 100,000 people shortlisted by JEE Mains.

KVPY 2017: Recipient of the prestigious Kishore Vaigyanik Protsahan Yojana Fellowship in 2017

PROJECTS

- **Quiz Portal**

  A REST API implementation for a web-based quiz portal whose front end was designed using React JS and the back end written in Golang using the gin-gonic framework.

  Link: https://github.com/manangoel99/QuizPortal

- **Voice Assistant for the FreJun Meeting Assistant**

  FreJun is a Hyderabad based start-up with whom I worked in a team as a part of Structured Software Analysis and Design. Their product is a meeting assistant which can be used to take down minutes of a meeting, action items etc. Our job was to provide a Proof of Concept of a Voice Assistant which can add the aforementioned on voice commands. To achieve that we used the Google WebSpeech API.

- **Flight Simulator**

  A flight simulation game created as a part of the Computer Graphics course implemented using OpenGL and STL in C++ 11.

  Link: https://github.com/manangoel99/FlightSimulator

- **Web Scraper for Amazon Best Sellers**

  A couple of scripts which fetch information about bestselling books from amazon.com and amazon.in. The scripts are written in python using the BeautifulSoup framework for fetching and cleaning the data which is stored as a CSV.

  Link: https://github.com/manangoel99/WebScraper

COURSEWORK

Data Structures · **Algorithms** · Introduction to Biology · **Structured Software Analysis and Design** · Computer Graphics · Linear and Abstract Algebra · Complex Analysis · Formal Methods · **Introduction to Databases**

POSITIONS

Open Source Development Group – IIIT Hyderabad Administrator: August 2018 - Present

Head Boy – St. Theresa's Convent School: 2014 - 2015