

Fakhar Hayat

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EDUCATION

Drexel University

BS in Computer Science- CGPA 3.97

Philadelphia, PA

Jan 2024 – Jun 2028

EXPERIENCE

CodeSoft

Nov 2023 – Dec 2023

Internship at Codsoft.In

- Applied list manipulation, Data Handling, randomness, and file handling by using Python.
- Made a Random Password Generator. This program combines uppercase, lowercase, special characters & numbers to randomly generate secure passwords for users. I researched password best practices, programmed base functions, incorporated randomness, debugged issues, and met all requirements.
- Built Interactive Contact Book, used Python to build 5 key functions - adding new contacts, viewing all contacts, searching contacts, updating existing contact details, and deleting contacts . A major component was effectively handling file input/output to store and retrieve contact data. Through this project, I gained practical experience using Python for file and data handling.
- Coded a Bucket List, implemented key features like add/delete tasks, completion tracking, and visual indicators to optimize user experience. Gained hands-on experience taking a program from conceptualization to deployment. Learned to plan features, code functionality in Python, enhance interactions, and refine interface design through an iterative process.

JPMorgan & Co

Virtual software Engineer

Jun - Aug 2023

- Set up your local dev environment by downloading the necessary files, tools and dependencies. Fix the broken client data feed script in the repository.
- Interfaced with a stock price data feed. Applied Data Visualization and handling to manage data.

Makers Space Club

Dec 2022 – jun 2023

President

Cadet College Hasan Abdal, Pakistan

- Learned and applied leadership skills. Got hands experience in Arduino projects and programming. Led team on college exhibitions and stood second among 32 clubs. Learned 3D printing and laser cutting.

PROJECT

Personal Website

Dec 2023 – In progress

- Used Bootstrapping, Flex box, Grid, jQuery, DOM, JavaScript, and HTML to make personal website having all the necessary details including skills, experiences, and academics. Completed Front End Development and have started Back-End Dev.

TECHNICAL SKILLS

CSS

JavaScript

Node.js & Express.js

HTML

jQuery

DOM

PostgreSQL(database)

Python(OpenCV, Computer-Vision, OOPs)