LUQMAAN K
22PD21

Gender	Male
Date of Birth	04th December 2004
Languages known	English, Tamil
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GitHub	**github.com/luqmaan-k/**
LinkedIn	**linkedin.com/in/luqmaan-k**

Address

24, Sivananda Nagar, Mangadu,
Chennai, Tamil Nadu - 600122.

OBJECTIVE

To obtain a position as an intern for a period of six months from May 2025 to November 2025.

ACADEMIC QUALIFICATION

Currently pursuing 3rd year of 5 year Integrated M.Sc. Data Science at the Department of Applied Mathematics and Computational Sciences at PSG College of Technology.

SKILL SET

Languages	C, C++ , Python, Rust
Libraries and Frameworks	SDL2 , Streamlit, Pandas
Platform	Linux
Tools	Git, Github, Vim, Inkscape, KdenLive

AREAS OF INTEREST

- Systems Administration and Security
- Networks
- Compilers
- Game Engine Development

ACADEMIC RECORD

- **M.Sc Data Science**
  PSG College of Technology, Coimbatore
  2022-2027
  8.36 CGPA

- **XII (Higher secondary, CBSE)**
  Velammal Bodhi Campus Kolapakkam, Chennai
  2022
  93.4 %

- **X (CBSE)**
  Velammal Bodhi Campus Kolapakkam, Chennai
  2017
  95.0 %

NON ACADEMIC PROJECTS

- **MiniGolf**

  The MiniGolf project is a C++ game featuring simple physics. It utilizes SDL2 for rendering and applies modular class design (OOP) for game elements like the ball, holes, and walls.

- **IDS**

  A small implementation of an intrusion detection system. Custom Dos and synflood intrusions built with Rust, SYN flood detection in C , packet sniffing done in Golang.

ACADEMIC PROJECTS

- **Personal Library**

  PersonalLibrary project is a Python-based application designed to manage book collections for multiple users. Built with Hydralith, it has features like user authentication, book rating displays, and individual book status management,and an interface for filtering, viewing, and updating book records using an SQLite database.

- **SSA feature selection**

  The SSA feature selection project implements the Salp Swarm Algorithm (SSA) for feature selection, applied to credit card fraud detection datasets. It evaluates the algorithm's performance against other feature selection methods, showcasing optimization techniques in a machine learning context.

- **Phone Book**

  The AdsProject is a C++ phonebook application that uses Red-Black Trees for sorted data management and HashMaps for quick lookups. It efficiently handles operations like adding, deleting, and searching for contacts.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Successfully achieved certification in **NTSE** (National Talent Search Exam) hosted by the National Council of Educational Research and Training (NCERT) , clearing both levels. This accomplishment highlights strong capabilities in Mental Aptitude.

- Participated in the **Dark Patterns Buster Hackathon** 2023 and qualified uptill round 4 Dark Patterns Buster Hackathon is a pioneering initiative aimed at equipping students with a platform to combat deceptive design practices in the digital world.

DECLARATION

I, Luqmaan K, do hereby confirm that the information given above is true to the best of my knowledge.

Place: Coimbatore
Date : 21/11/2024   (Luqmaan K)