ARSANA RAI

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PERSONAL PROFILE

Senior year computing student at Itahari International College, seeking to learn, and enhance programming skills as a developer in the field of Artificial Intelligence. Completed academic assessments involving the implementation of data structures and algorithms, databases, system modeling following the SDLCs, and web development.

CAREER OBJECTIVES

Interested in the implementation of programming and problem-solving in the versatile field of Artificial Intelligence. Enhance skills in leadership, programming, problem-solving, and implementation of AI algorithms.

EDUCATIONAL QUALIFICATIONS

Degree	Institution/University	Year	Grade
B.Sc. (Hons) Computing	London Metropolitan University	2018-Present	In Progress
Higher Secondary	Dharan Secondary School	2016-2018	3.03
School Leaving Certificate	Navjyoti School	2016	3.65

EXPERIENCES

Volunteer Experience

Regional Outreach Coordinator Ambassador

Girls in Tech, Nepal | May 2020-Present

Responsible for representing the organization, approaching connections, campus recruitment, and increasing awareness in the community.

Academic Experience

Research Group

Learning and working in collaboration with colleagues, associated with a faculty mentor. Completed simple website projects, led the team to achieve certain milestone.

Group-work

Working in group to complete the academic assessment regarding system modeling in Software Engineering module.

Activities

Presenter at "IT Talks Series 2020" organized by Itahari International College.

SKILLS

Hard Skills

Academic research in AI
Programming Languages: Python, Java
Web development tools: HTML5, CSS3, Bootstrap, JS, PHP
Query Language: SQL
OS: Windows 10, Linux
Database: MySQL
Agile Development practices
Report Writing
Instrumentalist

Soft Skills

Communication
Presentation
Working in collaboration

PROJECTS

Academic Coursework

Library Management System
A CLI application using Python, with functionality such as display, borrow, and return.

Patient Record System
Database model was designed to manage the patient records using SQL Plus.

Car Accessory Information System
A desktop-based application, using Java, to store, display, sort, and search the car accessory details, using the concepts of merge sort and binary search algorithm.

Darpan Dental Home Application
A system modeling was performed following RUP methodology, an agile software development practice.

Personal Project

Phone-book system
A CLI application using Python, with functionality such as add, remove, update, search, and display.
Project link: https://github.com/araiara/python-basic-phonebook-system

REFERENCES

Mr Mission Babu Sapkota

Lecturer, Itahari International College
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