Manas Bajaj

Mobile Number: 91643950
Email: bajajmanas1216@gmail.com
https://manas3345.github.io/manas-bajaj/

About Me

A student aspiring to be a software engineer as I enjoy coding. I spend some of my free time learning coding through courses. I also enjoy taking part in events and planning for them as I find them fun. I always look forward to new experiences that can help me grow.

Key Skills

Microsoft Word, Excel and PowerPoint
Communication
Leadership experience
Time Management
Active Listening

Education Summary

Nanyang Polytechnic   **2020-2023**
Diploma in Infocomm and Media Engineering
Queenstown Secondary School   **2017-2020**
GCE O level examination

Internships and Work Experiences

Software Developer Intern at FoodLine
- Designed and developed backend web UI services in PHP, MYSQL, JQuery, HTML and CSS
- Learned how to write proper codes such that they are of high quality and at the same time able to be dynamically modified when new changes are to be implemented.
- Interacted with clients to understand their needs

Recent Projects

IoT System Development (Arduino + Python Project)   **2022**
- Made use of i2c connection between an Arduino and Raspberry pi to build a temperature system
- The temperature system detected surrounding temperatures causing different LEDs to blink and display a suggestion on what to do in that temperature on an LCD display.

Web Design Development + Open-Source Web Solutions Development   **2022**
- Designed and developed a video player website using JavaScript, HTML, CSS and PHP.
- The website was designed to be responsive across Laptops/PCs, Tablets and Mobile devices.
- Some features of the website were the ability to add and remove items from a playlist specific to each user, search for videos and also play the video only after the user registers for an account or sign in to an existing account.
- Data of the website was stored in phpMyAdmin MySQL database and SQL queries were used to retrieve the data from there.

Object Oriented Programming Snake Game   2021

- A classic snake game developed using C++
- Concepts of OOP such as Inheritance, Objects, Constructors, and Encapsulation were used to make the game.

Web Development Portfolio Website   2021

- A digital portfolio website was made using HTML and CSS
- Highlighted all the projects and information about me
- Used grids, flexboxes, anchor tags and transitions to code the website

CCA achievements

CCA
Nanyang Polytechnic Students Union (NYPSU)   2020-2023
Nanyang Polytechnic

Camp Soraya – NYPSU Recruitment Camp   June 2022

- A recruitment camp for my CCA
- I was part of the committee of the event as a welfare IC
- Did a Risk Assessment Method Statement (RAMS) of the activities planned for the camp
- I was also involved in planning for some activities of the camp as there was no Games In-Charge for the camp
- Due to lack of manpower for the event, I also lead a group during the camp
- I learnt what goes into planning and executing an event and how to lead a group

Leadership Training Workshop   April 2022

- CCA workshop to help people gain leadership skills
- I was part of the committee for event as a Games In-charge and had to facilitate one of the groups
- I learnt more about leadership and how to plan an event to achieve the desired outcome of the event.

Other achievements

Python Object Oriented Programming Course   Aug 2022

- An introductory course to python OOP
- Done in LinkedIn Learning
- Covered topics such as Inheritance, Composition, Magic Object Methods, Data classes

Basic Python Course   March 2021

- An introductory to python programming language
- Done in Coursera
- Covered topics such as Variables, Python Methods, Dictionaries, Loops and Arrays