Praveen Krishna

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Profile

Enthusiastic computer science student eager to explore, learn and hone my technical skills. Previous experience with agile methodology, design thinking processes and product development. Passionate about uplifting communities and a huge fan of tech for good initiatives.

Education

Bachelor Of Computing (Computer Science)
AUG 2021 - PRESENT
Current GPA: 4.80
National University of Singapore

Key Skills

Programming

Languages

- Proficient: Python

- Familiar: Java, JavaScript,

HTML, CSS

Frameworks and Tools

- Jekyll, Figma, Android Studio,

VSCode, Eclipse, PyCharm

Design Thinking

Leadership

Research & Data Analysis

Awards

NUS Merit Scholarship
2019

MOE Leadership and Service Award (EAGLES)
2018

Professional Experience

IT Innovation and UX Research Intern
Singapore Police Force
MAY 2021 – JUL 2021

- Designed a website within the SPF intranet using HTML, JavaScript, and CSS, to answer FAQs regarding the digital technologies used by officers

- Engaged in multiple sprints, which involved conducting user testing and product development for a police vehicle management and booking application

- Created a handbook elaborating on relevant design thinking tools and project management skillsets to enable officers to bring their project ideas to life

- Designed product features working together with key stakeholders and management.

Programmes Associate Volunteer
Access Singapore
FEB 2021 – PRESENT

- Designed and helmed career exploration programmes for underprivileged secondary students across Singapore, including a workshop at Jurong Secondary School for 120 Normal stream students.

- Oversaw mentor recruitment and training for 16 industry professionals, in preparation for our mentorship programmes

Platoon Commander
Singapore Armed Forces
MAR 2020 – FEB 2021

- Commissioned as a military officer with experience in international exercises

- Headed a team of 4 section commanders to lead a platoon of 61 recruits

- Designed the training exercises and oversaw soldier development.

Personal Projects

Personal Portfolio Website
- Designed a website using the Jekyll framework to host my personal portfolio website

Calorie Calculator
- Designed a diet tracker application using Android Studio and Java to calculate caloric values of meat and fruits, and log meal entries

SHAN House Jio Cup
- Created a JSON parse program in Python to track and update scores and player attributes for a college welfare event involving 120 simultaneous players

Snake Game
- Implemented a fully functional "snake game" with GUI, using python and tkinter