Talhah Peerbhai

@ talhah@cmu.edu ⦿ systuner.com @tvlpirb Talhah Peerbhai

Computer Science junior

Education

Higher

Carnegie Mellon University

📅 Aug 2021 — May 2025   📍 Doha, QA

B.Sc. Computer Science

Courses:

Imperative Computing | Functional Programming
Parallel Structures and Algorithms | Linear Algebra
Probability | Multivariate Calculus | Great Ideas in
Theoretical CS | Tech Entrepreneurship | Computer
Systems

Experience

Startup Co-founder at Sporsen

Sporsen

📅 Sept 2023 - Present   📍 Doha, QA

- Responsible for leading technical team

Undergrad Outreach Assistant for CS

Carnegie Mellon University

📅 June 2023 – Present   📍 Doha, QA

- Assist with the mentoring and teaching of students
- Review and help students with their code

IT Student Assistant

Carnegie Mellon University

📅 May 2023 — Aug 2023   📍 Doha, QA

- Assist with Tech Service Desk
- Assist with Windows installation and
  troubleshooting
- Assist with printer setup and troubleshooting

VIK admin/coordinator

Coca Cola

📅 Sep 2022 — Dec 2022   📍 Doha, QA

- Managed a team to coordinate stock delivery, and
  did follow ups
- Managed stock reconciliation on Excel, daily
  release of stock and tracking movement of assets

Junior Systems Administrator

Mesaieed Community Saturday School

📅 Jan 2021 — Aug 2021   📍 Doha, QA

- Responsible for managing webserver (NGINX)
- Responsible for mailserver
- Responsible for domain management

Projects

Slick IRC (python)

An Internet Relay Chat client. Supports modern IRC
servers, has the ability to join multiple channels and
supports the standard set of IRC commands.

AI malaria detection (Python)

Created machine learning algorithm which diagnosed
malaria in blood smears with a 89% accuracy.

Docker homeserver

My Docker compose files for my personal home
server. Includes multiple service such as Wireguard,
Mail etc.

Sporsen (Dart/flutter)

Prototype sports platform connecting people. Used
to demo my startup idea.

Memory allocator (C)

Developed a memory allocator utilizing LRU and
doubly linked free lists.

HTTP Proxy (C)

Developed a primitive but functional HTTP proxy with
caching.

Skills

Programming

Python | C | Go | Dart | SML | Bash

Technologies

Git | Docker | Linux | NGINX | Flutter | Microsoft
Office

Soft Skills

- Communication
- Collaboration
- Time-management
- Coordination
- Problem Solving

Communication

Native proficiency: English

Interests

- Computer Security
- Embedded Systems
- Blockchain
- Self-hosting and digital privacy
- Cloud computing