

Mustafa Jabir Poonawala

mustafajp.com | mustafapoonawala@yahoo.com

EDUCATION

NANYANG TECHNOLOGICAL UNIVERSITY(NTU)

BE IN ELECTRONIC AND ELECTRICAL ENGINEERING

Cum. GPA: NIL / 5.0

Grad. May 2024 | Singapore

GLOBAL INDIAN INTERNATIONAL SCHOOL INTERNATIONAL BACCALAUREATE

Score: 41 / 45

Grad. May 2020 | Singapore

COURSEWORK

ONLINE COURSES

Machine Learning

Web Development

Java Programming with Honors

3-D Modelling and Game Designing

Solid Edge Computer Aided Designer

Photo Animation

Swift Programming

GIS Entrepreneurship Bootcamp

Python Data Structures

SKILLS

PROGRAMMING

Over 5000 lines:

- Java • Python • HTML
- Octave • Swift • \LaTeX

Over 1000 lines:

- C • C++ • CSS • PHP • X Code
- MySQL • JQuery

LINKS

Facebook:// [mustafajp](#)

Github:// [mustafajp](#)

LinkedIn:// [mustafajp](#)

ACTIVITIES

Hackathon Club: **President (18-20)**

Sports Club: **President (18-19)**

Technology Club: **President (18-19)**

STEM Club: **IT Head (18-19)**

EXPERIENCE

NATIONAL UNIVERSITY OF SINGAPORE | SOFTWARE ENGG INTERN

1st June 2019 – 30th June 2019 | Singapore

- Worked on a **project** as a Software Engineering in iDP of NUS
- Explored **electrical interfaces** such as I2C and SPI protocols to develop a **code** to integrate various **sensor data** and display it on an LCD screen.
- Performed **backend data logging** to record data **directly** onto the computer through the **Wi-Fi interface**.

CLOUD INNOVATION | ASSISTANT ALGORITHM DEVELOPER

18th March 2019 – 30th April 2019 | Singapore

- Worked at Cloud Innovation, a start-up which builds scalable solutions to automate processes using **augmented intelligence**.
- Debugged, tested and modified an **image processing algorithm** for Cargo Objects Detection using **TensorFlow** for a project value of **\$60,000**.
- Created **tools** to parse data through **Pandas and NumPy** for efficient data analytics for their reporting software.

CREATIVEV STUDIO | SOFTWARE ENGINEER INTERN

3rd Dec 2018 – 2nd Jan 2019 | Bangalore

- Assisted Senior Software Engineer in developing a **checkout module**.
- **Migrated** applications to a more **Object Oriented** approach by **Java 8** (streams).
- Used **Multi-Threading libraries** and features of Java to **optimized** performance.

TECH-SHOPEE | COMPETITIVE PROGRAMING

Aug 2019 – Oct 2019 | Singapore

- Solved real industry data analysis problems by using **python's pandas library**.
- Used the **online Jupyter platform**, for data cleaning and transformation, numerical simulation, data visualization and **machine learning**.

ACHIEVEMENTS

IGCSE | 10TH GRADE

Gained Proficiency in various subjects

- Mathematics • Chemistry • Biology • Physic • Computer Science

HACKATHON | THIRD POSITION

March 2018 – April 2018 | Singapore

- Created a **real-time multi-player** online game using the program **UNITY**.
- This game is based on **geographical** location of the user, built using **NodeJs** and combined pre-coded blocks.

MODEL UNITED NATION | BEST DELEGATE

March 2018 – May 2018 | Singapore

COMMUNITY SERVICES

PROJECT SMILE | VOLUNTEER

Oct 2018 – Nov 2018 | Singapore

TEAM NILA – GETACTIVE! | TEAM LEADER

Aug 2016 – Aug 2019 | Singapore

NATIONAL KIDNEY FOUNDATION | VOLUNTEER

July 2017 – Dec 2019 | Singapore