

ENOCH MOK

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EDUCATION

Nanyang Technological University
Bachelor of Engineering - Computer Science

Aug 2020 – Jun 2024
Under CN Yang Scholars Programme

COURSEWORK

Courses: Data Science, Machine Learning, Probability & Statistics

Awards: Nanyang Scholarship

WORK EXPERIENCE

Iota Medtech | *JavaScript, Python*
Software Engineer Intern

May 2022 – Jul 2022

- Developed a desktop application for an AI prediction model using JavaScript and Python.
- Facilitated testing procedures, identifying and addressing bugs for robust performance and reliability.
- Created an MVP documentation deck; presented application and its performance to clinical partners.

PROJECTS

HDB-Public Transport Data Analysis | *Python, pandas, Matplotlib, Folium* | [GitHub](#)

Jul 2024

- Utilized Python to analyse public transport accessibility, pinpointing connectivity gaps based on population density.
- Visualized tabular data trends using Matplotlib and created geographical density heatmaps with Folium.

DocDiagx - Hackathon | *Python, pandas, NumPy, Matplotlib, PyTorch* | [GitHub](#)

Mar 2024

- Top 8 finalist.
- Collaborated with 4 members to source for appropriate datasets and engineer a suitable solution to tackle problem statement within 4 days.
- Implemented machine learning algorithms to optimize treatment plans for HIV patients using Python and PyTorch.

COVID-19 Data Analysis | *Python, pandas, Matplotlib, SQL* | [GitHub](#)

Dec 2022

- Analysed COVID-19 statistics to track and visualize infection trends in various countries using Python and SQL.
- Conducted hypothesis testing and visualized factor interrelationships using Matplotlib.

SKILLS

Languages: Python, R, SQL

Libraries: pandas, NumPy, Matplotlib, PyTorch, Folium

Certificates: GCP Professional Machine Learning Engineer

HOBBIES

Ultimate Frisbee

2014 – Present

- Actively participated recreationally and competitively in both local and overseas competitions.
- Currently coaching at alma mater - preparing and overseeing weekly training plans.