MAURICIO KIRAKOSYAN ZORZAN

+65 90505820 | mauricio@u.yale-nus.edu.sg | www.linkedin.com/in/mauricio-zorzan

EDUCATION

YALE-NUS COLLEGE   Singapore.
Candidate for Bachelor of Science (Honours) degree in Computer Science   2020 - 2024
- Computer Science track with an specialization in Software development
- Minor in Physics
- Relevant courses: Data Structures and Algorithms, Software Engineering, Programming for Data Science, Ordinary and Partial Differential Equations

EXPERIENCE

SIMULATION SOFTWARE & TECHNOLOGY (S2T)   Singapore
Front-end Developer (Intern)   June 2023 - August 2023
- Developed interactive user interfaces and components using React.js to enhance the functionality and responsiveness of web applications.
- Communicated with cross-functional teams to gather requirements and provide progress updates.
- Collaborated closely with senior developers to debug and troubleshoot frontend issues and optimize website performance.

HP INC.   Singapore
eCommerce Testing Lead (Intern)   February 2023 - June 2023
- Partnered with internal and external stakeholders across 16 APAC/LATAM countries.
- Led creation of test cases for implementation of payment platform.
- Created and formatted over 1000 BBD test cases on TestRail.

KWEK RESEARCH GROUP, CENTRE FOR QUANTUM TECHNOLOGIES   Singapore
Student Researcher   May 2022 - July 2022
- Researched Noisy Intermediate-Scale Quantum algorithms by reviewing over 10 research papers and discussing with Dr. Leong Chuan Kwek.
- Initiated independent research on applications of Quantum algorithms and Information.

RODIN RESEARCH GROUP, YALE-NUS COLLEGE   Singapore
Student Researcher   May 2021 - August 2021
- Completed an independent research project under Dr. Aleksandr Rodin focusing on applications of Quantum Mechanics
- Directed independent work, while partnering with Dr Rodin and receiving tutelage

TECHNICAL SKILLS

- Programming Languages: (Proficient): Python, Javascript, HTML5, CSS3, TypeScript, (Familiar): R, C#, Java
- Frameworks / Technologies: (Proficient): React.js, Next.js, Express, Django, Tailwind CSS (Familiar): MongoDB, Node.js
- Tools: Amazon Web Services, Docker, Git, GitHub, Jira, TestRail, Kubernetes, Mathematica

PROJECTS

- Personal website: Built and hosted a personal portfolio website with a responsive design using Next.js. See more for additional information and projects: https://mauzorzan.vercel.app/
- Threads: Built with Next.js and MongoDB, this modern social media app takes inspiration from Meta's Threads. In it, users can create an authenticated account to post threads, reply to friends, join communities and much more: https://mauzorzan-threads.vercel.app/

LANGUAGES

- English (Native), Portuguese (Native)

25 Nov 2023

To Whom It May Concern

Eligibility for Employment Pass

1   **MAURICIO KIRAKOSYAN ZORZAN** (**G3611490N**) is expected to graduate from Yale-NUS College (an autonomous college under the National University of Singapore) and has a Ministry of Education bond obligation to serve in Singapore.

2   This letter serves to inform you that the Singapore government will exercise flexibility in the assessment of the Employment Pass application of **MAURICIO KIRAKOSYAN ZORZAN**. You should also use the Self-Assessment Tool on the Ministry of Manpower's website for an indicative assessment on whether the applicant qualifies for an Employment pass. If your company finds this graduate suitable for a position and makes an Employment Pass application to the Ministry of Manpower (MOM), the necessary work pass arrangements will be facilitated after receiving your submitted application. This is subject to the qualifying notes overleaf (as attached), which includes complying with the Fair Consideration Framework.

3   This letter is supported by the Ministry of Manpower and is valid for 12 months from the date of graduation or date of issue, whichever is later.

4   You may email Norvin Ng at norvin.ng@yale-nus.edu.sg for clarifications. Thank you.

Sincerely,

Mr Norvin Ng
Director, Career Services
Centre for International & Professional Experience

YaleNUSCollege

Qualifying notes:

1. The applicant named overleaf is eligible to apply for an Employment Pass if he/she:

    (a) secures full-time employment in a company of good standing in Singapore;

    (b) is to be engaged in managerial, executive or specialised job;

    (c) submits an application for Employment Pass together with certified copies of educational certificates;

    (d) is not on Government agencies' adverse record.

2. Professionals such as doctors, lawyers, architects, dentists, pharmacists etc. have to register with the relevant professional regulatory body before they are allowed to practise their profession in Singapore. Those who intend to practise their profession would have to seek registration before the Employment Pass is issued.

3. This letter does not exempt employers from the Fair Consideration Framework. This includes the requirement to advertise the job vacancies on the National Jobs Bank before submitting an Employment Pass application. Employers should consider all applicants fairly, regardless of nationality.