Aadit Kamat

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EDUCATION

National University of Singapore   **August 2017 – June 2021**
Bachelor of Computing (Computer Science) Honours, Focus in Artificial Intelligence
- Coursework: Natural Language Processing, Programming Language Concepts, Machine Learning, Artificial Intelligence, Design and Analysis of Algorithms, Research Methodology

University of North Carolina Chapel Hill   **January 2020 – May 2020**
Student Exchange Programme
- Coursework: Models of Language and Computation, Calculus of Functions of Several Variables, Introductory Calculus Based Mechanics and Relativity, Distributed Systems

WORK EXPERIENCE

Visa Worldwide Pte Ltd   **March 2022 – September 2022**
Software Engineer
- Tech Stack: Java (Spring Boot, JUnit) & JavaScript (Jest, React Testing Library)
- Developed CRUD APIs for the microservices under the Accounts Based Payment project using Spring Boot & unit tests for the APIs using JUnit and Mockito.
- Created frontend functional & accessibility unit tests for the Experiences Admin Portal using Jest, Axe and React Testing Library

Shopee Singapore Pte Ltd   **May 2021 – March 2022**
Quality Assurance Engineer
- Tech Stack: Java (JUnit, UiAutomator, Espresso) & Python (Django)
- Developed & maintained 100+ test cases for Promotion (Flash Sale and Add On Deal) modules in the Shopee Android App
- Added APIs to Django gateway to obtain Promotion data for the test cases

Atomionics Pte Ltd   **December 2020 – March 2021**
Software Engineering Intern
- Tech Stack: Python (PyQt, PyQtGraph, ARTIQ)
- Interfaced with the Kasli FPGA Hardware using ARTIQ to control experiment parameters
- Created applets using PyQt & PyQtGraph to visually analyze experiment data

NUS Information Technology   **May 2020 – August 2020**
Software Engineering Intern
- Tech Stack: JavaScript (Express, Node.js), MongoDB & Nginx
- Developed backend APIs for web portal that NUS application owners can use to review firewall rules in their own time instead of being sent email reminders during annual exercise
- Deployed web portal to internal server using Nginx

PROJECTS

Job Matcher   **January 2019**
- Tech Stack: JavaScript (React) & Python (Flask)
- Built web application to parse resumés and extract keywords that can be used to recommend LinkedIn job postings

Plan It Right   **May 2018 – August 2018**
- Tech Stack: Node.js, Express.js, Bootstrap, NightmareJS
- Built web application that generates trip itineraries from user parameters

PROGRAMMING LANGUAGES

- Experienced: Python, Java, JavaScript
- Familiar: C++, Ruby, C