

# Aadit Kamat

Linktree: <https://linktr.ee/aaditkamat> Mobile: +65 90487939 Email: [abyssal.bluffer0a@icloud.com](mailto:abyssal.bluffer0a@icloud.com)

## 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 – Present

#### 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

