

# Aadit Kamat

Singaporean Citizen

 aaditkamat

 aaditkamat.me

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## EDUCATION

### National University of Singapore

Expected 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

Exchange Student

Coursework: Models of Language and Computation, Calculus of Functions of Several Variables, Introductory Calculus Based Mechanics and Relativity, Distributed Systems

## EXPERIENCE

### Atomionics

December 2020 – March 2021

Software Engineering Intern

- Tech Stack: ARTIQ, PyQt, PyQtGraph
- Create applets to visually analyze data obtained from ARTIQ experiments
- Build visualisation tool to deploy analysis at scale

### NUS Information Technology

May 2020 – August 2020

Software Engineering Intern

- Tech Stack: MERN (MongoDB, Express, React, Node.js)
- Developed web portal for NUS application owners to login and view firewall rules
- Deployed application using Nginx in a SELinux environment

### Autodesk Asia Pte. Ltd.

May 2019 – October 2019

Test Automation Intern

- Tech Stack: PyTest, Flake8, Jenkins
- Reduced effort to set up machines for manual regression testing by 70% (16 hours)
- Created menu driven interface to automate repetitive tasks

### Learnseeker

December 2018 – March 2019

Software Engineering Intern

- Tech Stack: Rails, React
- Implemented fuzzy match to reduce 20% of processing time for user input on landing page
- Designed Chart.js SMS dashboard to render visual data analytics of leads converted via SMS

## PROJECTS

### DebtTracker

August 2018 – November 2018

- Tech Stack: JavaFX, Gradle, Guava, JUnit
- Developed desktop application which allows the user to manage finances by tracking loans and debts

### 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

## SKILLS

### Programming

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

### Frameworks and Stacks

React, Express.js, MongoDB, Material UI, Bootstrap, jQuery, Rails, PyTest