

EDUCATION**National University of Singapore (NUS)****Expected June 2021***Bachelor of Computing (Computer Science) Honours*

Coursework: Natural Language Processing, Programming Language Concepts, Machine Learning, Artificial Intelligence, Design and Analysis of Algorithms, Research Methodology

University of North Carolina Chapel Hill**Jan 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**Shopee Singapore****May 2021 - Present**

- Developed and maintained 100+ test cases for Flash Sale and Add On Deal modules in the Shopee App
- Added APIs to access backend data for test case data setup

Atomionics Pte Ltd**Dec 2020 – Mar 2021**

- 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 – Aug 2020**

- 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 - Oct 2019**

- 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 Pte Ltd**Dec 2018 - Mar 2019**

- 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**Test Protect****May 2020**

- Tech Stack: Express.js, React
- Monitors websites like Chegg real-time for plagiarism

Job Matcher**Jan 2019**

- Tech Stack: Node.js, Express.js, Bootstrap, NightmareJS
- Matches your professional profile to online job listings and recommends the top matching jobs

Plan It Right**May 2018 - Aug 2018**

- Tech Stack: Node.js, Express.js, Bootstrap, NightmareJS
- Generate trip itineraries of upto 5 days

SKILLS**Programming**

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

Frameworks and Stacks

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