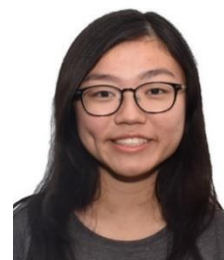


# Lim Kang Yee

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## **EDUCATION**

### **Victoria Junior College**

**Feb 2016 – Dec 2017**

- Achieved A'level certification under the Science stream (H2 Physics, H2 Chemistry, H2 Mathematics, H2 Economics)

### **National University of Singapore**

**Aug 2018 - Present**

- Bachelor of Computing in Computer Science, Honours
- Expected date of graduation: May 2022

## **WORK AND INTERNSHIP EXPERIENCE**

### **Intern,**

#### **Defence Science & Technology Agency (DSTA)**

**Jan 2021 – Jun 2021**

- Contributed to a project that aims to develop an application to provide a single consolidated platform for the other employee applications with value-adding features to enhance the productivity in the employee workspace
- Developed skills and knowledge on developing an intelligent chatbot using rules-based algorithms, training Machine Learning models and using service providers like AWS Lex as a value-adding feature for the application
- Effectively deployed prototypes and APIs, built using Flask, HTML, CSS or Amazon SAM, through various methods like Dockerizing it and running it on a DigitalOcean cloud server and deploying it on AWS Lambda for integration into the application

### **Intern,**

#### **Defence Science Organisation national laboratories (DSO)**

**May 2019 – Jul 2019**

- Contributed to a project that aims to accelerate compute-intensive signal processing algorithms under the electronic systems division
- Developed skills and knowledge on ways to accelerate algorithms through identification of hotspots, performance tuning and parallel processing
- Effectively accelerated programs written in Matlab by converting it to C++, then changing the structure of algorithms used and using OpenMP for multithreading
- Tasked to write programs to control and interact with hardware like the PXI to conduct testing
- Effectively presented the results of the project tasks and understanding of the domain to the lab director

#### **Call Centre Agent, SP Group Ltd**

**Jan 2018 - Jul 2018**

- Provided excellent customer service with good SMS ratings of above 89% of customers giving positive feedback
- Managed at least 40 calls per day, meticulously and politely attending to each customer's requests or enquiries with regards to their bills, meter reading appointments or investigation on suspected faulty meters

## **CO-CURRICULAR ACTIVITIES**

### **Social Impact Catalyst (SIC) NUS**

**Sep 2018 – Present**

- Gained knowledge on entrepreneurial skills which focuses on social enterprises through various SIC workshops
- Collaborated with other NUS students on a project called 'Illuminate Singapore' which helped people gain greater perspectives on social issues through our open conversation events, supported by the National Youth Council Youth Conversations
- Effectively lead the team as the Marketing Head to publicise our events and raise awareness on social issues through social media content and blogs on our website

### **Atomi.Cloud**

**Apr 2020 – Present**

- Contributed to their aspiring start-up organisation as part of the engineering team by working on a Reminder Bot built using C# and .NET core with PostgreSQL that reminds the team of daily check-ins on Lark, a productivity application
- Gained knowledge and skills from weekly workshops on various technical skills and knowledge like Docker, Kubernetes

### **Community Service and Leadership**

#### **Victoria Junior College Interact Club, Member**

**May 2016 – May 2017**

- Conducted weekly lessons for primary school students in St Stephen School's after-school care to provide academic guidance
- Successfully organised a school-wide event, 'Community Affair 2016' which helped to raise funds for the visually handicapped, elderly and people with intellectual disabilities by developing activity booths for students
- Actively participated in various volunteer events to help different beneficiaries through events like a food drive for Foodbank Singapore to help needy families, the 15km NTUC walk-for-rice, etc.

### **OTHERS**

#### **NUS Suzhou Winter Programme**

**Dec 2019**

- Gained knowledge on Chinese business enterprises and management through lessons in NUSRI conducted by professors from universities at the Suzhou Industrial Park

#### **SDSA DSC1010 course certification**

**Dec 2018**

- Developed essential skills in the coding language of python and learnt basic data science skills during the intensive 6-day boot camp

#### **Experiences in Software Engineering Projects**

- Collaborated with other students in the module CS3219 to create a web application using React.js, Express, Google Firebase called Nerdspace that aims to help match students with similar study interests and allow them to collaborate together
- Collaborated with students on various software engineering projects like a Static Program Analyser built using C++ in CS3230, a Java desktop application for treasurers to keep track of inventory, reimbursements, and member records in CS2103T
- Developed skills in software development in different platforms and framework through self-directed projects built using React, React Native, Django and Flask with MongoDB

### **ADDITIONAL INFORMATION**

**Skills:** Microsoft Office Suite, Java, Python, C#, C++, Javascript, React, .NET, Flask

**Languages:** Mandarin (proficient written and spoken)

**Interests:** Drawing and various forms of colouring or watercolour

**Github website:** <https://github.com/kangyeelim>

**LinkedIn Profile:** <http://www.linkedin.com/in/lim-kang-yee/>