Lim Kang Yee

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EDUCATION
Victoria Junior College   **Feb 2016 - Oct 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: August 2022
- Specialising in Software Engineering and Computer Security

WORK AND INTERNSHIP EXPERIENCE
Intern,
Defence Science & Technology Agency (DSTA)   **Jan 2021 – Jun 2021**
- Contributed to a project to develop an application to provide a consolidated platform with various employee applications and value-adding features like a personal assistant chatbot 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
- Worked extensively to build the chatbot and admin module, using Flask, HTML, CSS, and Amazon SAM then containerised and deployed on DigitalOcean and 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 and functions in MATLAB by converting it to C++ 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 billing matters

CO-CURICCULAR ACTIVITIES

IlluminateSG, Social Impact Catalyst (formerly Enactus NUS)   Sep 2018 - Present
- Gained knowledge on entrepreneurial skills which focuses on social enterprises through various workshops
- Collaborated with others in a project called 'IlluminateSG', supported by the National Youth Council Youth Conversations, which aims to help youth gain greater perspectives on social issues through social media campaigning and workshops
- 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 2021 – Jul 2021
- Contributed to the student-led start-up initiative as part of the engineering team
- Worked extensively on a productivity Bot for the platform, Lark, built with .NET core and PostgreSQL that allows members to set reminders and notifications
- Gained knowledge and skills on various technical skills and knowledge like Docker, Kubernetes

COMMUNITY SERVICE
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
NUSRI Suzhou Winter Programme   9 - 27 Dec 2019
- Gained knowledge on Chinese business enterprises and management through lessons in NUSRI conducted by professors from universities at the Suzhou Industrial Park and industrial visits

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, Flask, React, .NET, Git
Languages: English and Mandarin (proficient written and spoken)
GitHub Profile: http://github.com/kangyeelim
LinkedIn Profile: http://www.linkedin.com/in/lim-kang-yee/
Interests: Drawing and various forms of colouring or watercolour