

Si Kai Lee

500 Riverside Drive
751 International House
New York
NY 10027
United States of America

Email: a_technicolor_skye@hotmail.com
Mobile: +1 217 721 0397
Visa Status: F1

Education

2015–Present	MS Computer Science (Machine Learning), Columbia University Analysis of Algorithms I, Introduction to Computational Learning Theory, Probability and Statistical Inference, Statistical Machine Learning, Neural Networks and Deep Learning, Introduction to Databases, Graduate Research.
2011–2014	BEng Aeronautics and Astronautics, University of Southampton. Graduated with First-Class Honours Received the Dean's Award for Best Final Year BEng Student. Designed and built a Unmanned Aerial Vehicle simulator for Individual Project. Received the International Undergraduate Entry Scholarship.

Past Experience

2016 01/02–01/10	School of International and Public Affairs Israel Innovation Delegation Attended lectures by speakers on the Israel and Palestine startup and innovation scene, the Israeli-Palestine conflict and the founding of Israel.
2015 08/23–09/04	Machine Learning Summer School Kyoto 2015 Attended lectures by distinguished researchers in Machine Learning such as Stephen Boyd, Gabor Lugosi, Philippe Rigollet, Alex Smola and Martin Wainwright.
2015 02/01–07/31	Internship at Singapore University of Technology and Design, Singapore Developed tools such as data processors, parsers and vectorisers, implemented clustering algorithms and carried out other tasks relevant to the research of Associate Professor Wei Lu in statistical natural language processing. In the process of writing a paper on parsing sentences into queries.
2014–2015 11/01–01/31	Administrative Assistant at Longrove and Associates Implemented automated time sheet and leave collation using Odoo. Created macros and templates in Word and Excel to standardise administrative procedures.
2013 07/15–09/18	Internship at ST Aerospace, Singapore Identified and documented problems experienced in the Boeing 767 Freighter Conversion Program and recommended appropriate solutions for Boeing's approval. Communicated with both technicians and Boeing personnel to ensure that the issues were well-understood and explained. Provided innovative solutions that reduced cost to various structural and wiring problems.
2011 03/01–05/13	Internship at Vestas Technology R&D, Singapore Tasked to find suitable connectors for a new PCB control panel for future wind turbines. Communicated with distributors to obtain samples and did an in-depth cost-benefit analysis of the different connectors. Demonstrated problem-solving skills by devising different wiring configuration for different connectors. Prepared a report on the viability of different connectors for different parts of the panel.

Languages

Spoken	English and Mandarin.
Programming	Python, Django, Matlab, LaTeX and R. Limited Prolog and Java.

Interests and Responsibilities

Climbing	Enthusiastic and motivated climber, has climbed up to 5.12b and bouldered up to V5. Climbs outdoors frequently and climbs indoors regularly. Been on several climbing trips overseas.
Business	Runner-up in the Southampton Start Up Weekend 2014.
Music	Possesses ABRSM Grade 7 and 5 in piano and violin respectively. Makes time to see concerts regularly.
International Affairs	Finishes weekly issues of The Economist to keep up with current affairs. Posted to Intelligence during National Service. Worked in a team to write daily and weekly reports on current affairs relevant to Singapore.
Leadership	Resident Floor Fellow at International House New York Managed the third-year Microlight Group Design Project, second-year Satellite Design Project and first-year Race Car Simulation Project Webmaster of Southampton University Mountaineering Club between 2012-2014 who maintained the old website and mailing list; planned and helped to build the new website. Chairman of the Kreta Ayer Befrienders Club between 2010-2011 that cared for the aged living alone in Singapore. Led and worked well with other volunteers to organize and plan activities for the elderly. Met every elderly under the care of the organization weekly to ensure their well-being.

References available on request.