Lyndon Teng

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Education

Queens' College, University of Cambridge	Cambridge, U.K.	2017-2021 (Expected)
B.A., MEng. Engineering	2nd Year Exam Result: **Class 1**	
Developed project management skills through collaborative coursework activities. • Awarded Foundation Scholarship for finishing in the top 17% of my cohort. • Winner of undergraduate prize for outstanding autonomous robot project.	Syllabus Includes: • Operations Management • Mathematics • Manufacturing • Software Development (Python and C)	
The British International School, Shanghai	Shanghai, China	2012-2014
International Baccalaureate (IB) Diploma	**44** out of 45 points	
Elected to do an additional Higher Level (HL) subject and developed critical thinking skills in a multicultural context. • Second highest scorer in cohort with 44/45 points.	• Awarded Principal's Commendation every year 2009-2013 • Topped school exams in English and Physics in 2013 • International Duke of Edinburgh's Gold Award	

Professional Experience

V&V Intern, Samsung	Cambridge, U.K.	Jul-Sept 2019
• Injected rigor into data analytics and packet tracing by developing software tools in python for test infrastructure team. • Halved device test time and data footprint by implementing PTP timing network. • Supported transition to WiFi 6 by crafting bespoke tools with cross-functional team.	Key Skills: • Linux/Shell Scripting • Data Analysis in Python • Multidisciplinary Teamwork	
R&D Intern, Romax Technology	Nottingham, U.K.	Jun-Aug 2018
A technology consultancy at the forefront of mechanical design and modelling • Pioneered the use of AI (MLP and Random Forest) in proprietary modelling software. • Formulated metrics to benchmark performance improvements. • Demonstrated an 88% reduction in computational time and pitched opportunities to senior management.	Key Skills: • Python Development • Machine Learning (Keras) • Independent, Self-driven work	
Platoon Commander, Singapore Armed Forces	Singapore	2015-2017
Commissioned as an infantry platoon commander and directly managed 30 soldiers as a platoon commander. • Represented serviceman at court martial and successfully mitigated sentence • Took charge of battalion logistics for overseas exercise involving over 100 troops • Planned and supervised commanders training for over 80 NCOs on active duty.	Key Skills: • Conflict Resolution • Mission Planning • Event Management and organisation	

Committee Roles

President, Queens' College Badminton Club	Cambridge, U.K.	Jun 2019-Present
President of Queens' College Badminton Club, and Captain of First Division Team. • Manage, recruit for, and lead a club with 126 active members • Implemented new venue co-ordination channel for internal schedule deconfliction • Successfully increased annual budget by 45% through alumni fundraising.	Key Skills: • Team Management • Match Organisation	
Secretary and Treasurer, Just Love Cambridge	**Cambridge, U.K.**	**Apr 2019-Present**
• Pitched our vision of student engagement in social justice to over 36 incoming first years at fresher's fair.	Key Skills: • Communicating vision • Budgeting	
Treasurer, QCOEF	**Cambridge, U.K.**	**May 2019-Present**
The Queens' and Clare Overseas Education Fund (QCOEF) is an educational charity. • Introduced contactless payment system and established formal accounting procedures. • Raised £1,127.14 last term for educational charities worldwide.	Key Skills: • Implementing new systems • Budgeting	

Hobbies and Projects

EASA PPL – Developed confidence in interpersonal communication, planning, and situational awareness.

Drums – Regular member of church band; performed at a student dinner and dance to over 80 attendees in 2019.

Drone Build – Successfully applied for a college grant worth £1,000 to design and build a drone; presented to underclassmen to inspire them to explore their curiosity

Shoestring Hackathon 2019 – Developed a voice-controlled AI application for hands free navigation of digital drawings.

HackCambridge 2019 – Back end developer for a music transcription tool using Python at a highly selective hackathon.