

Zhenghong Lieu

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Education	University of Oxford, Merton College Philosophy, Politics and Economics (PPE) BA	2017 – 2020 (est.)
	<ul style="list-style-type: none"> Quantitative Political Essay Prize: for best essay of my Oxford politics cohort, Does Consensus Democracy Improve Economic Outcomes? Sam McNaughton Prize: for best performance in Philosophy in the PPE first-year exams Fowler Prize(s): for First-class performance in termly exams, awarded every term so far 	
	Coursera Specialisations and MOOCs	2017 – present
	<ul style="list-style-type: none"> Algorithms Specialisation (taught by Tim Roughgarden), Stanford University Competitive Programmer's Core Skills, SPSU From NAND to Tetris (I & II), IDC Herzilya Machine Learning (taught by Andrew Ng), Stanford University 	
Experience	Blockchain Developer Intern	Jun 2018 – Aug 2018
	Infocomm Media Development Authority of Singapore (IMDA)	
Languages	<ul style="list-style-type: none"> Headed a project that persuades industry leaders to adopt blockchain in their companies, after obtaining buy-in from senior management Developed a fully-automated blockchain solution for supply chain management: <ul style="list-style-type: none"> <i>Real-time blockchain visualisation</i> <i>QR-code enabled asset tracker (Blockchain REST API)</i> <i>IoT sensor integration to update asset location data</i> 	
	Tech stack: Hyperledger Fabric/Composer, Node.js, JavaScript	
Technologies	Software Engineer	Jun 2017 – Aug 2017
	Imcomp International	
	<ul style="list-style-type: none"> Greatly increased firm efficiency by developing bespoke building inspection software: <ul style="list-style-type: none"> <i>85% less time taken per inspection</i> <i>75% less time taken to generate report</i> <i>300 engineer-hours saved per month (~100 inspections/month)</i> 	
	Tech stack: Electron, Vue.js, JavaScript	
	Venture Capitalist Intern	Jan 2017 – May 2017
	iGlobe Partners	
	<ul style="list-style-type: none"> Co-wrote 2 investment papers recommending investment in fintech/big data startups Senior management accepted both recommendations and made Stage B investments Developed more powerful version of Microsoft Mail Merge that achieved: <ul style="list-style-type: none"> <i>90% fewer human errors in sending mass mailers</i> <i>50% time saved in sending mass mailers</i> 	
	Tech stack: Python	
	Conscripted Soldier	Feb 2015 – Dec 2016
	Singapore Armed Forces (SAF), HQ Army Medical Service	
	<ul style="list-style-type: none"> Developed the Army's first item tracking database and automatic SMS reminder service: <ul style="list-style-type: none"> <i>Won second prize in the Army Annual Innovation Competition</i> <i>Won Best Soldier of the Month out of ~3000 soldiers</i> 	
	Tech stack: React, Node.js, Express.js, auth.io, Heroku, MongoDB, JavaScript	
Service	Supervisor and Tutor	May 2016 – Sep 2017
	Ulu Pandan Stars	
	<ul style="list-style-type: none"> Led the team that won 3rd (amongst ~100 participating teams) in national hackathon CodeXtreme: “digital wallet” implementation on the micro:bit embedded system Taught underprivileged children Scratch and Python programming 	