MARK SHELTON

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EDUCATION

2018-20 (2yr, exp.)	**Stanford University –** *Master of Science - Management Science & Engineering - 4.00/4.00* General Sir John Monash Scholarship, Australia's most prestigious scholarship Selected Courses: CS 161: Design & Analysis of Algorithms (A), MS&E 275: Intelligent Growth in Startups (A+), MS&E 270: Strategy in Technology-Based Companies (A, Rank: 1/55)
2012-17 (5.5yr)	**University of Western Australia –** *Bachelor of Philosophy (Hon) - Computer Science - 4.00/4.00* UWA Fogarty Foundation Scholarship, Western Australia's most prestigious scholarship

PRODUCT DEVELOPMENT

2019 (3mo)	**Program Manager, Intern at Microsoft** Led the development of a productivity delighter feature for Microsoft's new Edge browser Drove feature through two rounds of internal testing (with 500+ FTE) and user research Designed inking & audio input scenarios, collaborating with teams across the company Presented feature strategy & roadmap to Edge LT and won additional engineering resources
2016-17 (1yr)	**AutoVC, Automated Venture Capital Screening** *Computer Science senior-year thesis project, awarded A+ by independent examiners* AutoVC applies machine learning to public data sources to predict successful startups Winner of the WAITTA Peter Fillery Prize & Finalist for the AIIA iAward (Australia-wide)
2017-18 (3mo)	**Thickshake, Historical Image Classification System** *Software Engineer, Intern at Pawsey Supercomputing Centre, Curtin HIVE & SLWA* Thickshake uses machine learning and image processing to augment photo archives Also developed OldPerth, a map-based visualization website for Thickshake data

COMMUNITY BUILDING & MENTORING

2013-17 (4yr)	**Co-Founder & CEO of Bloom** Bloom is a non-profit startup incubator for young Western Australian entrepreneurs Led a team of 50 volunteers and staff, running programs across multiple universities Hosted more than 200 workshops and seminars attended by more than 5,000 people Supported more than 100 young entrepreneurs at the BloomLab co-working space Raised funds from corporate partners and managed a budget of $200,000
2019 (ongoing)	**Teaching Assistant, Computer Science at Stanford University** Leads weekly sections, office hours & 1-1 grading sessions on algorithms & data structures Excellent student reviews – overall rating of 4.8/5.0 for Winter & Spring 2019 quarters Took additional teaching development classes: CS 198, CS 198B and CS 298
2017 (6mo)	Organizer & Speaker at **UWA Functional Programming Meetup –** talks on Haskell, JavaScript
2015-17 (18mo)	Founding Director at **StartupWA** - peak advocacy body for WA startup / tech industry

OTHER EXPERIENCE

2014-15 (3mo)	Investment Banking Analyst, Intern at **Goldman Sachs** - M&A / financial sponsors team
2013 (1mo)	Associate Consultant, Intern at **The Boston Consulting Group** - operational analysis, mining
2013 (6mo)	Research Assistant at **Telethon Kids Institute** - published in peer-reviewed journal
2012-13 (9mo)	Deputy CEO of **Teach Learn Grow** - led operations for rural education social enterprise

AWARDS

2018	Finalist in the Australian Computing Society ICT Student of the Year (Australia)
2017	Winner of the Australian Computing Society WA ICT Student of the Year (Western Australia)
2016	Finalist in the Business News 40Under40 Awards - youngest nominee (Western Australia)
2016	Winner of the Unearthed Woodside Resources Hackathon (Western Australia)

SKILLS

Languages & Technologies	C++, Python (Pandas, Numpy, Scikit-learn), JavaScript (ES6+, Node, React, React Native), Haskell, SQL & Databases (PostgreSQL, SQLite, MongoDB, Redis), Docker
Technical Domains	System Design, Web Development (full-stack), Machine Learning / Data Science, Functional Programming, Database Management, Cloud Computing