

MARK SHELTON

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EDUCATION

2018-20
(2yr, exp.)

Stanford University - Master of Science - Management Science & Engineering - 4.03/4.00
General Sir John Monash Scholarship, Australia's most prestigious scholarship
Selected Courses: CS 242: Programming Languages (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
Finalist, Australian Computing Society ICT Student of the Year (Winner, Western Australia)

PRODUCT DEVELOPMENT

2019
(3mo)

Product 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

2020
(ongoing)

Teaching Assistant, MS&E 275 Intelligent Growth in Startups at Stanford University
MS&E 275 is a graduate-level entrepreneurship course taught by the Floodgate VC team
Assisted instructor in developing syllabus, grading assignments, and coordinating speakers

2019
(9mo)

Teaching Assistant, CS 106B Programming Abstractions at Stanford University
CS 106B is the second course in Stanford's introductory computer science sequence
Taught weekly sections (~10 students), held office hours & weekly 1-1 grading sessions
Excellent student reviews – overall rating of 4.9/5.0 for Winter, Spring & Fall 2019 quarters
Studied additional computer science education 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

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