

MARK SHELTON

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EDUCATION

- 2018-20 **Stanford University** - *MS Management Science & Engineering* - 4.05/4.00
- General Sir John Monash Scholarship, Australia's most prestigious scholarship
 - Courses: Programming Languages (A+), Intelligent Growth in Startups (A+), Strategy in Technology-Based Companies (A, Rank: 1/55), Design & Analysis of Algorithms (A)
- 2012-17 **University of Western Australia** - *BPhil (Hons) 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 (State-wide winner)

PRODUCT DEVELOPMENT

- 2020-on **Product Manager at Microsoft** – Intelligent Services & Growth, Edge Browser
- Led 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 strategy & roadmap to Edge LT and won additional engineering resources
- 2016-17 **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 **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 **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
- 2019-20 **Teaching Assistant at Stanford University**
Taught introductory computer science classes & a graduate-level entrepreneurship course
- Assisted instructors in developing syllabi, grading assignments, coordinating speakers
 - 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
 - Studied additional computer science education classes: CS 198, CS 198B and CS 298
- 2017 Organizer & Speaker at **UWA Functional Programming Meetup** - Haskell, Rust
- 2015-17 Founding Director at **StartupWA** - peak advocacy body for WA startup / tech industry

OTHER EXPERIENCE

- 2014-15 Investment Banking Analyst, Intern at **Goldman Sachs** - M&A / financial sponsors team
- 2013 Associate Consultant, Intern at **The Boston Consulting Group** - operational analysis
- 2013 Research Assistant at **Telethon Kids Institute** - published in peer-reviewed journal
- 2012-13 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, Figma
- Technical Domains** System Design, Web Development (full-stack), Machine Learning / Data Science, Functional Programming, Database Management, Cloud Computing, UI/UX Design