

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)
 - Internships at **Boston Consulting Group** (Strategy) & **Goldman Sachs** (Investment Banking)

PRODUCT DEVELOPMENT

- 2020-on **Product Manager II at Microsoft** – Consumer Growth, Edge Browser
- 2019
- Grew [Edge Shopping feature](#) from pre-launch to 1M DAU and \$500M Savings
 - Coordinated Microsoft Edge engagement across Microsoft Shopping, Rebates and Ads
 - Designed and delivered funnel optimization program responsible for ~100 experiments
 - Led effort to improve compliance & experimentation agility across Microsoft Edge org
- 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
 - Developed OldPerth, a map-based visualization website for Thickshake data (fork of OldNYC)
- 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)

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
- 2017 Organizer & Speaker at **UWA Functional Programming Meetup** - Haskell, Rust
- 2015-17 Founding Board Member at **StartupWA** - peak advocacy body for local startup / tech industry

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