

MARK SHELTON

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EDUCATION

- 2018-20 Stanford University**
Master of Science - Management Science & Engineering, Computer Science
General Sir John Monash Scholarship - most prestigious Australian scholarship (~20p.a.)
- 2012-17 University of Western Australia**
Bachelor of Philosophy (Honours) - Computer Science, Psychology
Outstanding academic results (Weighted Average Mark: 84% (~ A+), GPA: 6.8/7.0)
Best student for 4/6 Honours units incl. Computational Modelling & Research Project
UWA Fogarty Foundation Scholarship covering 100% of course fees (~10p.a.)
International Study: Zhejiang University (China, 2015); Stanford University (2014)

EXPERIENCE

- 2013-17 Co-Founder & CEO of Bloom**
(4yr)
Bloom is a non-profit startup incubator for young Western Australian entrepreneurs
Led a team of up to 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
- 2015-17** Founding Director at StartupWA – advocacy body for WA startup ecosystem
- 2014-15** Investment Banking Analyst (Intern) at Goldman Sachs – M&A / financial sponsors team
- 2013** Associate Consultant (Intern) at The Boston Consulting Group (BCG)
- 2012-13** Deputy CEO of Teach Learn Grow (TLG) – rural education social enterprise
- 2013-15** Project Officer at The Fogarty Foundation – social investment in education programs
- 2013** Research Assistant at Telethon Kids Institute – published in peer-reviewed journal (JSLHR)

PROJECTS

- 2016-17 AutoVC: Automated Venture Capital Screening**
(1yr)
AutoVC applies machine learning to public data sources to predict successful startups
Computer science honours thesis (year-long), awarded 90% (A+) by independent examiners
Winner of the WAITTA Peter Fillery Prize – best ICT student project (Western Australia)
Finalist in the AIIA Undergraduate Tertiary Students iAward (Australia)
- 2017-18 Thickshake: Historical Image Classification System**
(3mo)
Thickshake uses machine learning and image processing to augment photo archives
Summer internship project with Pawsey Supercomputing Centre, Curtin HIVE & SLWA
Also developed OldPerth – a map-based visualisation front-end for Thickshake data

AWARDS

- 2018** Finalist in the ACS ICT Student of the Year - winner yet to be announced (Australia)
- 2017** Winner of the ACS WA 1962 Prize - best ICT student (Western Australia)
- 2016** Finalist in the Business News 40Under40 Awards – youngest nominee (Western Australia)
- 2016** Winner of the Unearthed Woodside Resources Hackathon (Western Australia)
- 2015** Winner of the Jeremy Cheang Award for UWA Fogarty Foundation scholars
- 2014** Finalist in the UBS Investment Banking Challenge (Australia)

SKILLS

- Languages & Technologies** Python (Pandas, Numpy, Scikit-learn), JavaScript (ES6+, Node, React, React-Native), SQL & Databases (PostgreSQL, SQLite, MongoDB, Redis), Haskell, Java, C++, Docker
- Technical Domains** Machine Learning / Data Science, Web Development (full-stack), System Design, Functional Programming, Database Management, Cloud Computing
- Other** Lean Startup Methodology, Design Thinking, Financial Analysis, Business Strategy, Education & Tech Policy, Public Speaking, Social Media Marketing