

MARK SHELTON

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EDUCATION

2018-20 Stanford University

Master of Science - Management Science & Engineering, Computer Science

John Monash Scholarship covering AU\$65k p.a. for postgraduate study (~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)

Top Honours student for 4/6 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

PROJECTS

2016-17 AutoVC: Automated Venture Capital Screening

(1yr)

AutoVC uses machine learning and public data 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 & 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

2017 Winner of the ACS WA 1962 Prize – top ICT graduate (Western Australia)

2016 Finalist in the Business News 40Under40 Awards (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, Vue), SQL / Databases (PostgreSQL, SQLite, MongoDB, Firebase), Haskell, Java, C++, Docker

Technical Domains Machine Learning / Data Science, Web Development (full-stack), System Design, Functional Programming, Database Management, Cloud Computing

Other Design Thinking, Lean Startup Methodology, Investment Finance, Business Strategy, Education & Tech Policy, Public Speaking, Social Media Marketing