

BYRON VICKERS

byron@vickers.io
byron.io

EDUCATION (TRANSCRIPTS ON REQUEST)

Masters/PhD Statistics & Machine Learning - Princeton University 2013–Present
Engineering Dean's Scholarship (1 yr)
Princeton University Teaching Assistantship (1.5 yrs)

PhB Physics & Mathematics (Hons 1) - Australian National University 2008–2011
ANU National Undergraduate Scholarship (4 yrs)
ANU Atom Optics Honours Scholarship (1 yr)

TECH SKILLS

Programming: Experienced Python programmer. Can write code in Haskell, Javascript or C if pressed (and with plenty of reference to documentation).

Data analysis: Experience writing performant code and analysing complex datasets in R and Python. Light experience working with TensorFlow for deep learning.

Backend: Experience with Django (Python framework), and Django Rest Framework for API development. Have played around with Flask and nodejs a couple times.

Frontend: Can hack together an interface if needed. Experience of some level with Angular, Javascript (Coffeescript), HTML5, Bootstrap 3, LESS.

Cloud infrastructure: Some experience with hosting on (and deploying to) AWS. Not a devops guy, but I can get things working.

STARTUP & WORK EXPERIENCE (REFEREES ON REQUEST)

Cofounder & Lead Developer, Made For Me (3D printing startup) 2013–2016
Built and maintained the technology backbone of a B2B 3D printing resupplliar, providing convenient real-time quotes to industry professionals.

Business Analyst & Project Officer, Australian National University 2015–2016
Worked in the College of Engineering and Computer Science to gather and summarise college business requirements on a variety of projects.

OTHER ACHIEVEMENTS OF NOTE

Volunteer Lecturer, Princeton Prison Teaching Initiative 2014 Fall & Spring

Lecturer/Senior Staff, Australian Physics Olympiads 2008–2013

Australian Representative, Asian Physics Olympiads (no team sent to IPhO) 2007