# BYRON VICKERS

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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 resuppllier, 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