



## PROFILE

Currently looking for a part-time position which may lead to a full-time position while I finish my Masters in Smart Cities and Urban Analytics with Climate, Energy and Technology policy at UCL.

I am an energetic and innovative young adult whose passions for work lies in policy focused data science. With a solid understanding of programming and technical skills achieved through my BSc in Computer Science, I can efficiently work through product and technology-based tasks to ensure work is completed within specified timeframes and according to the brief. My educational, sporting and professional history provide insight into my high-achieving work ethic.

## WORK EXPERIENCE

**UCL, London** — Research Assistant  
*March 2020 - September 2020*

For my Master's thesis, I am working on the Indicative Data Science project by Dr Ana Basiri, a project funded by the UK Future Leaders program by the institute of research and innovation. Within this role my main priorities are:

- Building a crowdsourced application to collect GNSS data.
- Geospatial data analysis using R and Python.
- Writing a publishable thesis.
- Presenting my thesis and findings at a geospatial conference.

**VoucherCodes, London** — Mobile Application Product Manager and Charity Chairman  
*June 2018 - September 2019*

Returning to VoucherCodes after university I was promoted to Mobile Application Product Manager and Charity Chairman. In this role my day to day work included:

- Product manager of the greenfield iOS & Android rebuild using a JSON API and machine learning.
- Creating User datamarts for tracking and performance analysis.
- Maintained 500,000 MAU's on the existing iOS & Android application.
- Establishing a robust product strategy and delivery.
- Hiring and motivating a team of engineers and stakeholders.

**VoucherCodes, London** — Software Engineer Placement  
*June 2016 - March 2018*

A tech placement at VoucherCodes exposed me to all aspects of medium-sized business software development. At this placement I achieved:

- Building an iOS and Android test automation suite from scratch (Swift & Java).
- Developing and releasing iOS features for the VoucherCodes app (Swift).
- Writing web automation (nightwatch.js).
- Creating performance and bug reports for the web platform.
- API testing (Php).
- Writing DB queries (SQL) for automation helper methods (javascript).



## TECHNICAL SKILLS

These are skills I use daily within my university work and utilize frequently during my freelance work:

**Data:** R, Python, ArcGIS, QGIS and Excel

**Databases:** MySQL, SQLite, Realm and Positco

**Design:** Adobe Suite, Sketch, and InVision

**Programming Languages:** R, Javascript, HTML, CSS, Python, Kotlin, Swift and Java

**Product Management:** Agile methodology, Certified Product Owner and Office suite

**Operating systems:** Mac, Linux and Windows

**Team tools:** Jira, Git, GitHub, Trello, Teamcity, Stash, Kubernetes, Microsoft teams and Slack

## EDUCATION

**UCL, London** — MSc Smart Cities and Urban Analytics (Predicted grade: 1st Honours)

*September 2019 - September 2020,*

Term 1 Modules: (1)Urban Systems Theory, (2)Quantitative Methods, (3)Geographic Information Systems and Science.

Term 2 Modules: (4)Smart Cities: Context, Policy and Government, (5)Spatial Data Capture, Storage and Analysis and (6)Energy, Technology and Climate Policy.

Term 3 Modules: MSc Smart Cities Dissertation.

**Manchester Metropolitan University, Manchester** — 1st Honours in BSc Computer Science & Mandarin

*September 2014 - May 2017*

Final year units: Artificial Intelligence (92%), Advanced Mobile Application Development (87%), User Experience and Interaction Design (82%), Thesis (72%) and Mandarin (70%).

**Exeter College, Exeter** — Computing (A\*), Business (B), English Literature (C), Spanish (Pass)

*September 2012 - May 2014*

**King Edward VI College, Totnes** — 12 GCSEs graded A\* - C

*September 2007 - May 2012*

## OTHER SKILLS AND ACHIEVEMENTS

- England table tennis team member for SELL University Student Games. (June 2016)
- F83 Computational Psychiatry Course. (June 2018)
- Certified Scrum Product Owner. (July 2018)
- Sole developer solascollection.com , <https://www.finnegantravers.co.uk/> & <https://ftherapy.co.uk/> (2019)
- Developer for <https://rebellion.earth/> (2019)
- Academic writing
- Intermediate Spanish and Chinese Speaker