title: "CV" permalink: "/CV/"

Varun Satish

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Education

BEc. (Honours), Economics and Econometrics; University of Sydney, (expected completion Nov. 2019)

- Thesis title: Social Networks and Technology Adoption: Evidence from Kenya

Experience

'Coding for Economists' Co-founder

- Created a curriculum and are running workshops aimed at improving programming literacy amongst Economics students
- Workshops utilize Python and Jupyter Notebooks, examples of which can be found on the GitHub provided
- Link to workshops

Research Assistant – Centre of Translational Data Science, University of Sydney

- Created a Python package – 'absdata' (still in development stage), aimed at allowing researchers ease of access to Australian Bureau Statistics data
- Involved in a project aimed at identifying differences between Euclidean and 'Street Network' distances in the estimation of Gaussian Process regression functions that can be applied to spatial modelling problems

Research Assistant – School of Economics, University of Sydney

- Using Python to conduct GIS analysis and create visualizations
- Monte Carlo simulations using MATLAB
- Data scraping from the web and other sources, data engineering/cleaning using Python

Academic Tutor – School of Economics, University of Sydney 2018 – Present

- Introductory Macroeconomics (ECON1002), Introductory Econometrics (ECMT1020)

Technical Skills

Python: Self-taught Python, have also had some experience with projects on GitHub

STATA/R/MATLAB: Have used all in a university setting, currently using STATA for my honours thesis and have done some RA work in R and MATLAB

LaTeX: Experience writing academic style research proposals and am writing my honours thesis in LaTeX

Basic knowledge of **SQL**, **Tableau**