

# Aditya Shirodkar

+44 07746807363 • Lancaster, UK • [adityashirodkar2020@gmail.com](mailto:adityashirodkar2020@gmail.com)  
[www.linkedin.com/in/aditya-shirodkar](https://www.linkedin.com/in/aditya-shirodkar) • [aditya-shirodkar.github.io](https://aditya-shirodkar.github.io)

Data scientist from a multidisciplinary background, skilled at Python, R, and SQL. Has strong interpersonal, persuasive and presentation skills, and relishes a good challenge. Note that I am eligible to work in the UK under the two-year graduate visa.

## EXPERIENCE

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### Data Analyst Intern

May 2021 –

University Hospitals of Morecambe Bay | Morecambe, UK

- Predicting in-patient mortality (ongoing).

### Data Scientist Intern

July 2017 – Dec. 2017

National Institute of Wind Energy | Chennai, India

- Identified sites for wind farms using weather and GIS data in the southern portion of the state of Tamil Nadu.
- Modelled and simulated the wind flow at a select on-shore site.

### Data Analyst Intern

Jan. 2017 - June 2017

HDFC Bank Head Office | Mumbai, India

- Implemented new parameters to account for the urbanity of business loan customers, for better X-selling in rural areas with fewer spending pressures (main project under X-sell team).
- Built credit risk models to meet CRA ratings and specifications of the Basel Accords.
- Mined data from textual point-of-sale transaction details to create labels for company use.

## EDUCATION

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### Lancaster University | MSc Data Science (computing specialism)

Expected Sept. 2021

- Award: Distinction (expected). 80% as of July 2021.
- Project to estimate property prices in England and Wales in collaboration with the GB Group.
- Created a distributed file sharing network to handle large volumes of Google server data.
- AI project on solvers for the infinitely-many armed bandit problem.

### Northumbria University | MSc Renewable and Sustainable Energy Technologies

Sept. 2020

- Award: Distinction
- Dissertation: Thermal analysis of a substrate embedded with two different microencapsulated phase change materials.
- Modelled sizing, power flow, penetration, reliability, and LCOE of a hybrid renewable energy system.

### Birla Institute of Technology and Science | BE Mechanical and MSc Biological Sciences (dual major)

Dec. 2017

- Award: First class with honours; minor in Philosophy, Economics, and Politics
- *SAE-BAJA* team member: national finalists (Indore, India)
- *Searock* core member: organised a national semi-professional band competition
- *Celestia* core member: organised *Storming Aurora*, an international astronomy conference
- Basketball team (state champions)

Test scores: GRE 168/170 quantitative, 162/170 verbal, 5/6 analytical writing; TOEFL iBT 116/120

## SKILLS

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R | Python | SQL | MATLAB | Git | Hadoop | Jupyter Notes | RMarkdown | LaTeX | Excel