

# Jack Grimes

jackgrimesurl.com | jackgrimes@emailaddress.com  
London, UK

## EDUCATION

**IMPERIAL COLLEGE LONDON**  
PHD ENGINEERING/EPIDEMIOLOGY  
Sep 2015 | London, UK

**IMPERIAL COLLEGE LONDON**  
MSC ENVIRONMENTAL ENGINEERING  
AND SUSTAINABLE DEVELOPMENT  
Sep 2011 | London, UK

**UNIVERSITY OF OXFORD**  
BA PHYSICS  
Sep 2010 | Oxford, UK

## LINKS

Github:// [jackgrimes](#)  
LinkedIn:// [jacketgrimes](#)  
Google Scholar:// [HZLogpQAAAAJ](#)

## COURSES

Deep Learning Specialization (Coursera, deeplearning.ai) (in progress)  
Machine Learning (Coursera, Stanford University)  
Learn SQL (Codecademy)  
SQL: Table Transformation (Codecademy)  
SQL: Analyzing Business Metrics (Codecademy)  
Learn Python 2 (Codecademy)

## SKILLS

### PROGRAMMING

Very familiar:  
Python • R • Git/GitHub  
Matlab/Octave  
Familiar:  
SQL • VBA • Javascript • HTML  
CSS •  $\LaTeX$

## EXPERIENCE

**LLOYDS BANKING GROUP** | DATA SCIENTIST/SOFTWARE ENGINEER,  
MACHINE INTELLIGENCE PROGRAMME  
Jan 2019 - Present | London, UK

- Predominantly using Python, GitHub, pytest, PyCharm, pandas
- Focus on writing high-quality (efficient and readable), production-ready tested code
- Quality control and investigation of the performance of that code

**LLOYDS BANKING GROUP** | DATA SCIENTIST, RISK INNOVATION  
June 2014 – Sep 2014 | Mountain View, CA

- Predominantly using Python, GitHub, SAS VA, Flask
- Predictive analytics using pandas, sklearn
- Topic modelling using gensim, Latent Dirichlet allocation, SAS VA
- Web app development using flask
- Dashboards in SAS VA
- Management of an intern
- Presented my work widely, at internal conferences throughout the UK

**GOOGLE** | SOFTWARE ENGINEERING INTERN  
May 2013 – Aug 2013 | Mountain View, CA

- Created a backbone.js-like framework for the Captions editor.

**PHABRICATOR** | OPEN SOURCE CONTRIBUTOR & TEAM LEADER  
Jan 2013 – May 2013 | Palo Alto, CA & Ithaca, NY

- Phabricator is used daily by Facebook, Dropbox, Quora, Asana and more.
- I created the Meme generator and more in PHP and Shell.
- Led a team from MIT, Cornell, IC London and UHelsinki for the project.

## RESEARCH

**CORNELL ROBOT LEARNING LAB** | RESEARCHER  
Jan 2014 – Jan 2015 | Ithaca, NY

Worked with **Ashesh Jain** and **Prof Ashutosh Saxena** to create **PlanIt**, a tool which learns from large scale user preference feedback to plan robot trajectories in human environments.

**CORNELL PHONETICS LAB** | HEAD UNDERGRADUATE RESEARCHER  
Mar 2012 – May 2013 | Ithaca, NY

Led the development of **QuickTongue**, the first ever breakthrough tongue-controlled game with **Prof Sam Tilsen** to aid in Linguistics research.

## AWARDS

2014	top 52/2500	KPCB Engineering Fellow
2014	1 <sup>st</sup> /50	Microsoft Coding Competition, Cornell
2013	National	Jump Trading Challenge Finalist
2013	7 <sup>th</sup> /120	CS 3410 Cache Race Bot Tournament
2012	2 <sup>nd</sup> /150	CS 3110 Biannual Intra-Class Bot Tournament
2011	National	Indian National Mathematics Olympiad (INMO) Finalist

## PUBLICATIONS