

# JAMES BLACK

Data Scientist, Epidemiologist and Engineering Enthusiast

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## EXPERIENCE

Associate Director, PHC Analytics

Hoffmann-La Roche

August 2018 – Ongoing

Basel, CH

- Leading a team of 10 data scientists supporting real world evidence generation in oncology.
- Founded, and now managing, an additional team of 7 engineers who support the PHC pan-project codebase and maintain dashboards for Flatiron, FMI and our COVID-19 real world data with over 800 unique users within Roche.
- Co-led the PHC infrastructure roadmap with a focus on building out our AWS platform (Apollo) to improve data science workflows.

Data Scientist | Senior Data Scientist

Hoffmann-La Roche

October 2015 – July 2018

Basel, CH

- As haematology sub-team lead prioritised evidence needs with the Haem therapeutic scientist lead and assigned projects across several data scientist.
- Developed and introduced the first R end-to-end workflow in my team and co-created and embedded our current metadata rich R and Python git based study process.
- Co-founded R/Pharma, and initiated code collaboration projects with external Pharma companies.

Graduate Student

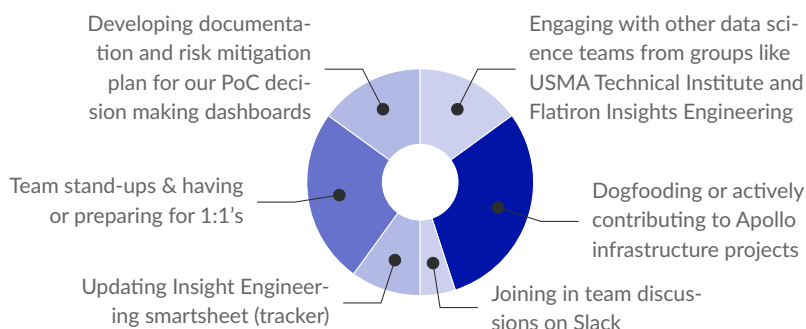
University of Cambridge

October 2011 – July 2015

Cambridge, UK

- Explored data science best practices using a fully automated Stata/R/Python to Latex continuous integration pipeline and introduced Github to the department.
- Migrated the Jesus College Middle Combination Room IT infrastructure from Joomla to a Jekyll based website using Raven authentication, and built a custom Wordpress installation for online booking of the college punts and squash courts.

## ILLUSTRATIVE DAY AT WORK



## MOTIVATION

*"Continuous improvement in the efficiency, reproducibility and democratisation of how we convert data into robust insights."*

## MOST PROUD OF



**Perseverance**

Co-created an industry leading workflow and embedded it in a team of 50 data scientists alongside a burgeoning collaborative coding culture.



**Opportunity**

I was supported to take one of my methods lab projects and scale it up into a 500 person CEO endorsed analysis as the RAAD Challenge.



**Impact**

Being able to look at my peers and be proud of what we've built over the last five years, and my contribution into who and what the team is today.

## EDUCATION

PhD in Medical Science

University of Cambridge

Graduated 2015

MPhil in Epidemiology

University of Cambridge

Graduated 2012

Masters in Public Health

University of Otago

Graduated 2010

PG.Dip in Public Health

University of Otago

Graduated 2009

BBioMedSci in Microbiology

University of Otago

Graduated 2008