

Neal Reeves (Ph.D., MSc, BA)

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Accomplished data coach and former academic researcher seeking career in web development. Passionate about technology with a love for programming and learning demonstrated through engagement in coding bootcamp. Proven track record using Python and SQL to manage and analyse large-scale crowdsourced datasets as well as providing guidance on data management.

SKILLS

- Strong knowledge of **Python** gathered from degree and subsequent use and training
- Good working knowledge of **HTML**, **CSS** and **JavaScript** including **node.js**, **React** and **jQuery**
- Strong understanding of and experience with **SQL** (Postgres and MySQL)
- Native **English**, near-native (ECRF C2) **Portuguese**, fluent (C1) **German** and competent **Japanese** (B1)
- Good attention to detail, with a love for -- and experience in -- troubleshooting and problem solving
- **Fast learner**, eager and willing to learn new skills through independent effort and applied learning

PROJECTS

InfoTravel — *Group Project (Role: Front-end Developer)*

<https://spacepineapple.github.io/infotravel-travel-information/>

- Travel information service allowing travellers to view information on destinations with a single search
- Gathers information from external APIs such as currency exchange, weather, news and more
- Uses *HTML, CSS, Bootstrap 5, Javascript, Google Fonts and External APIs*

React Portfolio — *Personal Project (Sole Author)*

<https://spacepineapple.github.io/react-portfolio/>

- Designed, developed and deployed a portfolio using React to showcase portfolio projects
- Incorporates hooks and responsive design to deliver a smooth, reactive experience
- Uses *HTML, CSS, Javascript, React, React Router, Node.js, Google Fonts*

EXPERIENCE

Multiverse — *Data Fellowship Coach*

MAY 2022 - PRESENT

- Offer tailored coaching to 40 professionals working towards level 4 data analytics apprenticeship
- Advise, mentor and support professionals with projects and problems across the data science lifecycle
- Deliver interactive online workshops, bootcamps and hackathons covering topics such as statistics and quantitative analysis, SQL, Python, machine learning, business intelligence and visualisations

King's College London — *Research Associate*

FEB 2020 - APR 2022

- Performed research into trust in AI and engagement in crowdsourcing and online communities

- Manipulated large-scale crowdsourced datasets programmatically using Python, SQL and AWS
- Led €120,000 accelerator providing data analytics and research training for 6 organisations

University of Southampton — *Research Fellow*

NOV 2017 - JAN 2020

- Conducted research monitoring engagement in online social networks and collaborative communities
- Designed web-based data collection and visualisation applications to monitor community interaction
- Analysed data from 36 crowdsourcing projects to develop recommendations for platform design

EDUCATION

edX: *Web Development Bootcamp*

NOV 2022 - MAR 2023

- Part-time bootcamp with 11 hours of weekly teaching as well as self-study, projects and assignments
- Topics include HTML, CSS, JavaScript, Node.js and frameworks such as React
- Additional training in object-oriented programming, test-driven development and storing data

University of Southampton: *Ph.D. Web Science*

OCT 2014 - SEP 2018

- Thesis exploring social interaction in Virtual Citizen Science and its impact on volunteer behaviours
- Quantitatively analysed crowdsourced datasets with millions of classifications using Python and SQL
- Worked with external companies to facilitate take-up and integration of recommendations

University of Southampton: *MSc Web Science (First Hons)*

SEP 2013 - SEP 2014

- Computer science and computational social science modules including computational thinking, python programming, semantic web technologies, social networking technologies, web architecture
- Training in statistics, quantitative/qualitative data analysis and mixed-methods research
- Dissertation exploring content analysis of interactions in online amateur science communities

University of Southampton: *BA Language Learning (2:1 Hons)*

SEP 2009 - JUN 2013

- Portuguese and German language, socio- and theoretical linguistics
- ERASMUS year abroad at University of Porto, Portugal including study of German and linguistics
- Dissertation project on Portuguese as a lingua-franca in Africa

INTERESTS

- Improving language skills through self-study and attending language cafés
- Improving programming skills through completion of online courses and working on personal projects
- Learning and playing the piano and violin

REFERENCES AVAILABLE ON REQUEST