

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

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Driven web-developer and current data professional seeking career change to pursue love of software engineering and development. Passionate about technology with a thirst for self-improvement and strong desire to develop technical skills as demonstrated through personal projects and recent completion of front-end development bootcamp. Proven track record with Python, SQL and JavaScript and enthusiastic to learn and apply further languages in new career.

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

React Portfolio — *Personal Project (Sole Author)*

<https://github.com/Spacepineapple/react-portfolio> || <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 *Git, HTML, CSS, Javascript, React, React Router, Node.js, Google Fonts*

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

https://github.com/Spacepineapple/just_buy || https://spacepineapple.github.io/just_buy

- Developed responsive front-end of an e-commerce site with full cart functionality
- Uses Redux to display and update cart state in real time and to maintain cart state between pages
- Uses *Git, HTML, CSS, Bootstrap 5, Javascript, React, Redux, Redux Toolkit, Google Fonts and External APIs*

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

<https://github.com/Spacepineapple/infotravel> || <https://spacepineapple.github.io/infotravel>

- 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 *Git, HTML, CSS, Bootstrap 5, Javascript, Google Fonts and External APIs*

EXPERIENCE

Multiverse — *Data Fellowship Coach*

MAY 2022 - PRESENT

- Offer tailored coaching covering methods, tools and programming to 40 data analytics professionals

- Collaborate with cross-functional teams as well as internal and external stakeholders at various levels
- 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
- Led €120,000 accelerator providing data analytics and research training for 6 organisations
- Manipulated large-scale crowdsourced datasets programmatically using Python, SQL and AWS

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

- 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 design of online science crowdsourcing platforms and impact on volunteer behaviour

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

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

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