

George Phillips

DATA SCIENCE · DATA ANALYTICS

26 Longworth Avenue, Chesterton, Cambridge, United Kingdom, CB4 1GU

☎ (+44) 07413 938229 | ✉ gophillips1090@gmail.com | 📱 GPSci | 🌐 george-phillips

REFERENCES AVAILABLE UPON REQUEST

Personal Information

About Me

I am a Data Scientist currently working in a fast-paced environment at a geospatial analytics company, looking to switch into my next challenge specifically within a Data-orientated role; collaborating with Data Science and Analytics teams is what I do! I am a reliable, hard-working individual who can adapt well under pressure. I like to be thorough with what I do, making sure everything is done to a high standard, allowing my passion to show through my results. Whether it be mentally or physically, I like to try and push myself to my limits!

Education

University of Plymouth

MSCI (HONS) COMPUTER SCIENCE

Plymouth, U.K.

Sept. 2015 - Exp. May. 2019

- Four year Integrated Masters program
- Third Year Dissertation - Real-time Gesture Classification through Dynamic Time Warping
- Fourth Year Dissertation - A Novel Sentiment-Based Approach to Multimodal Hashtag Prediction
- Undergraduate Grade - Upper Second Class (2:1)
- Postgraduate Grade - Upper Second Class (2:1)(First in thesis & 2 modules)

Plymstock Secondary School

SECONDARY EDUCATION

Plymouth, U.K.

Sept. 2006 - Exp. July. 2014

- A Levels - Mathematics (B), Media Studies (B), ICT (C)
- 11 A-C GCSEs

Skills

Programming

Python, R, SQL, C/C++, Scala, Javascript, Java, C#, MATLAB

Tools

Keras, PyTorch, Hadoop, Amazon Web Services, Visual Studio, Jupyter, Git, Jira, Tableau, Apache Spark

Operating Systems

Unix (Main OS), Linux, Windows

Development Methodologies

PRINCE2, Agile, Waterfall, Kanban, Test Driven Development

Languages

English, French, Chinese (Mandarin)

Experience

SATAVIA

DATA SCIENTIST

Cambridge, U.K.

Jan 2022. - Present

- Creating insights for clients through building and compiling analytical climatology reports, minimising maintenance costs.
- Generating data visualisations regarding contrail impact through generative reporting for various aviation clients.
- Optimising the hindcast analytical pipeline, increasing automation and reducing run time by over 90 percent.
- Performing comparative modelling to understand and improve internal performance of scientific models.

GeoSpock Ltd.

DATA SCIENTIST

Cambridge, U.K.

Jan 2021. - Dec 2021

- Continuing responsibilities within the previous role, with a bigger emphasis on Analytical and modelling work
- Designing and implementing the analytical benchmarking infrastructure currently used for internal performance tuning
- Performing analytics and decision making regarding advanced GeoSpockDB performance investigation
- Contributing towards modelling geospatial use-cases for GeoSpockDB, including the implementation of cutting-edge deep learning (Diffusion Convolutional Recurrent Neural Network).

GeoSpock Ltd.

DATA ENGINEER

Cambridge, U.K.

June 2019. - Dec 2020

- Worked across Data Science and Engineering departments to meet requirements regarding creating and maintaining ETL pipelines
- Used Apache Spark, Hadoop and Scala to generate extremely large synthetic datasets and to process Big Data
- Transformed and visualised smaller datasets using Python and R
- Created and maintained internal web applications using both vanilla JavaScript and Node.js API calling

Ridgeway Secondary School

WEB DEVELOPER

Plympton, U.K.

Nov. 2014 - Exp. May. 2015

- Maintained / updated web front-end/WordPress back-end
- Held meetings with staff members for improvement feedback
- Created internal web applications
- Customer support ticketing service via phone and email

Staples Inc.

SALES ASSOCIATE

Plymouth, U.K.

May. 2016 - Exp. Jan 2017

- Offered sales advice regarding computing / printing hardware
- Carried out reprographic services for customers
- Maintained store presentation
- Answered customer queries regarding product information

North Prospect Community Learning Centre

ASSISTANT DIGITAL FACILITATOR (VOLUNTEER)

Plymouth, U.K.

Sept. 2014 - Nov. 2014

- Offered basic IT training for unemployed community members
- Graphic Design of organisation's printed handouts
- Maintained / repaired IT equipment

British Heart Foundation

WAREHOUSE OPERATIVE (VOLUNTEER)

Plymouth, U.K.

July. 2014 - Sept. 2014

- Sorted incoming electrical equipment for PAT testing
- Responded to customer enquiries via phone/showroom
- Warehouse organisation / delivery preparation

Extracurricular Interests

University of Plymouth A cappella Society

MEMBER

Plymouth, U.K.

Sept. 2017 - Sept. 2019

University of Plymouth International Latin Society

MEMBER

Plymouth, U.K.

Sept. 2017 - Sept. 2019

Online Mandarin Language Exchange

ENTHUSIAST

Plymouth, U.K.

Sept. 2017 - Sept. 2019