ADILSON **PACHECO**

279 Holloway Road, N7 5FD, London - United Kindom | adilson.pacheco93@gmail.com | +44 7476815124

SUMMARY

Graduate master student experienced in data sourcing, processing and management aimed at big data analytics and visualisation. Ability to use one or more scripting language such as Python and R to perform analytical tasks. Knowledge of manipulating and transforming data from a variety of sources using data extraction and querying tools such as SQL. Great multicultural awareness having lived in four different countries. Fluent communicator in multiple languages such as English, French and Portuguese. Always open to receiving feedback, willingness to learn new skills and strong work ethic. Ability to set targets and work to deadlines and prioritise.

EDUCATION

University College London, London, UK
September 2018 - September 2019
MSc Geospatial Sciences
Award Average: Merit (GPA: 3.7)

Geospatial Sciences Projects
Forecasting Urban Travel Time Networks
Applied artificial neural network (ANN) using Keras package in R to forecast short-term travel times using London's urban networks. Trained 23 days worth of travel data to forecast 7 days of urban travel time.

Dashboard for Crime Analysis and Visualisation
Designed and deployed a web-based dashboard using JavaScript, HTML and SQL to analyse and visualise crime data in Chicago. Project link: https://crime-dashboard.herokuapp.com/index.html.

Location-based Quiz Application
Designed and deployed a mobile location-based quiz app using JavaScript, HTML, SQL and NodeJS.

Spatial Database management
Designed and built a database system for a warehouse using PostgreSQL, Qgis, PostGIS and FME. Created a documented UML E-R diagrams. The physical database for the system contained 2D and 3D entities.

Royal Holloway University, Egham, UK
September 2015 - July 2018
BSc (Hons) Geology
Award Average: Upper 2.1 (GPA: 3.8)

TRAINING & CERTIFICATIONS

SAP
October 2019 - November 2019
Introduction to Statistics for Data Science

IBM
September 2019
Applied Data Science with Python - Level 2

IBM
May 2019
Open Source tools for Data Science

ESRI
September 2018
Do-It-Yourself Geo Apps

WORK EXPERIENCE	**Change1's Life, Volunteer Officer** November 2017 - Present • Responsible for advertising the charities work and activities through social media and networking events. • Contributed to two successful campaigns gathering donations to fill two containers for poor communities in sub-Saharan Africa.
WORK EXPERIENCE	**UCL - SpaceTimeLab, Software Developer Project Intern** May 2019 - September 2019 • Produce clean and efficient code based on specifications using Python, JavaScript, HTML and SQL. • Test, deploy and maintain applications to ensure strong functionality and optimisation. • Create technical and non-technical documentation for reference and reporting. • Produce web applications with reliable and up to date data. **Euro Garages, Retail Advisor** August 2017 - February 2018 • Assist customer with purchase, handle customer complaints and suggest necessary solutions and changes to address issues. **Royal Holloway University, GIS Research Assistant Intern** June 2017 - September 2017 • Contributed to maps and 3D models made in ArcGIS to publish in geological articles.
TECHNICAL SKILLS	Proficient in Microsoft Office (Word, Excel and Power Point), Python, R, SQL (Postgres and PostGIS), GIS and FME. Currently learning Power BI, SAP, Machine Learning and Deep Learning with Python.
INTERPERSONAL SKILLS	**Communication** Proficient speaker delivered academic presentations to audiences ranging from small groups to numbers of up 100 people. Able to convey information effectively and concisely. Skill gained through past customer service roles where I often resolved customer queries at Euro Garages. **Teamwork** Excellent team player, able to work as a team towards a common cause or target. Proven in my academic projects and work with charities where as a team we plan fundraising activities and house-to-house collections. **Result-driven** Excellent track record of target achievement through my academic studies and professional work. As a part-time software developer, I am accustomed to working and meeting specific deadlines involved in the software development lifecycle from production to deployment stage. **Self-motivation** Possess a great ability to work independently and learn new skills. This year, I have completed 10 accredited online self-study courses and expect to further complete 5 new courses by the end of the year. These courses are aimed at further improving my skills in data analytics, data visualisation and programming.
LANGUAGES	Portuguese (Native), French (Bilingual), English (Fluent) and Spanish (Beginner).
PROFESSIONAL MEMBERSHIP	• Royal Institution of Charted Surveyors (RICS) • Association of Geographic Information (AGI)
LINKS	www.linkedIn.com/in/dodatascience www.github.com/geobuddy