ANTONIS PRODROMOU
Data Analyst | Former Project Manager
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PERSONAL STATEMENT

I am a data-driven professional transitioning from a career in the Building Construction sector to Data Analysis and Visualization. Proficient in Python, R, SQL and D3.js, I excel at analyzing and transforming complex datasets to reveal patterns and inform business decision-making. I am bilingual (English-Greek) and particularly enjoy working with multi-disciplinary professionals in a creative and constructive way.

WORK EXPERIENCE

Jul 2019 - Ongoing

Project Manager - Urban Soul Project, Thessaloniki, Greece
• Led multidisciplinary teams to successfully deliver projects ranging from €1M to €10M, ensuring completion within time and budget constraints.
• Analyzed budgeting data and conducted contract negotiations to optimize strategies, reduce costs and improve efficiency across multiple projects.
• Designed and implemented internal workflows that increased productivity, supporting the company's growth from 25 to 100 employees within 4 years.

May 2018 - Jul 2019

Project Manager - The Modernist, Thessaloniki, Greece
• Planning, negotiation and coordination of material procurement and design within budget and timeline constraints for the launch of two new hotels.
• Coordination and monitoring of internal work streams including marketing, sales and recruitment.

Jun 2015 - May 2018

Structural Engineer - Archontis G. Mavrakis & Associates, Thessaloniki, Greece
• Structural studies and design, construction management and assessment of residential buildings, industrial spaces, and special structures.

Sep 2012 - Mar 2013

Researcher - University College London (UCL), United Kingdom
• Applied statistical methods to analyze environmental performance data and contributed to UCL's evaluation for the UK Department for Education's consultation on "Strategies for Carbon Emission Management in School Buildings".

Mar 2010 - May 2012

Environmental Consultant - Skelly and Couch LLP, London, United Kingdom
• Building environmental performance analysis and sustainable design to optimize energy efficiency and reduce carbon footprints.

DATA ANALYSIS PROJECTS

Customer Churn Prediction – Telco Dataset
• Built a churn prediction model using Python (Scikit-learn, Pandas) on a dataset of 7,000+ customers.
• Engineered features and applied classification models (Decision Trees, Random Forest).

A/B Testing for User Completion Rates and Behavior
• Conducted an A/B test to evaluate the impact of a new user experience variation compared to an existing design.
• Analyzed completion rates, time spent per step, error rates, and drop-off rates using Python and SQL.
• Created a Tableau dashboard to visualize findings and present recommendations.

SQL-Based Analysis of the UK Data Analyst Job Market
• Conducted an SQL analysis of UK job postings to identify the most in-demand skills for Data Analysts.
• Created a structured relational database, optimized queries for performance, and processed data using Git & GitHub version control.

EDUCATION

Sep 2023 - Dec 2024	MSc Data and Web Science ('Distinction') Aristotle University of Thessaloniki, Greece
Sep 2008 - Sep 2009	MSc Environmental Design and Engineering ('Distinction') University College London, United Kingdom
Sep 2002 - Sep 2007	MEng in Civil Engineering ('Honors') Aristotle University of Thessaloniki, Greece

ACADEMIC PUBLICATIONS

Dasgupta, A., Prodromou, A., Mumovic D., 2012. Operational vs. Designed Performance of Low Carbon Schools in England: Bridging A Credibility Gap. HVAC&R Research, 18:1-2, 37-50.

Mumovic, D., Dasgupta, A., Prodromou, A., Arora P., 2010. Towards a Roadmap to Sustainable Schools. The Bartlett School of Graduate Studies, University College London. IAQVEC 2010, Syracuse University, New York, USA.

Prodromou, A., Dasgupta, A., Jaffar, B., Curtis, L., Mulik, M., Chatzinasiou, L., Smith G., Demanuele C., and Mumovic D., 2009. Consultation on the School Carbon Management Plan: UCL Evidence. University College London.

TECHNICAL SKILLS

• **Data Analytics:** Python (Pandas, NumPy, Matplotlib, Seaborn), R (ggplot2, dplyr, tidyverse), SQL, ML (Scikit-learn), Tableau, D3.js
• **Programming & Web Development:** JavaScript, HTML, CSS, Django, MongoDB
• **Project Management Tools:** MS Project, Asana, Teamwork, Jira
• **Design Tools:** Adobe Suite (Photoshop, Illustrator, Premiere Pro, In Design, After Effects)

LANGUAGES

• **English:** Certificate of Proficiency in English, University of Cambridge (C2) (bilingual).
• **Spanish:** Diploma de Espanol como Lengua Extranjera (Nivel Superior), Instituto Cervantes (C2).
• **French:** Certificat Pratique de Langue Française (1er degré), l'Université de Paris Sorbonne (C1).

References are available upon request.