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| Panagiotis-Raphael Xanthopoulos  Address: Dimarchou Nikolaou Tountoulidi 7, Athens · Phone Number: +30 69-3119-2718  Email: [PanRaphael@protonmail.com](mailto:PanRaphael@protonmail.com) LinkedIn: https://www.linkedin.com/in/pan-raphael-da/ |

# Introduction

As biology graduate with a passion for genetics, I initially started teaching myself mathematics and data analysis in order to gain an edge in my field, but in the process discovered a passion for data science.

# Education

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| 2022 – Present1ST MSc degree, uNIVERSITY OF pATRAS & university of west attica Title: “Gene Therapies: From Bench to Bedside, and Good Manufacturing Practices” Organizers:  1) University of Patras (Dpt. of Medicine)  2) University of West Attica (Dpt. of Biomedical Sciences) dEC 2022 – jan 2023jOHN HOPKINS gENOMIC data analysis certificate Title: “Genomic Data Science Specialization” Organizers: John Hopkins University, Coursera 2022 (NOV – DEC)google certification for Data analytics Title: “Google Data Analytics Professional Certificate” Organizers: Google, Coursera 2014 – 2021University degree, National & Kapodistrian University of Athens I majored in Biology with an average grade of 6.3/10, delivering a graduate thesis in computational ecology. 2011 – 2014HIGHSCHOOL DIPLOMA 2nd Highschool of Nikaia 2012English FLUENCY CERTIFICATION, [proficiency Degree (MICHIGAN)] |
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# Projects

12/2022: Google Certificate Case Study  
“How can a wellness company play it smart?”

* Organizing, Preparing and Cleaning Data in Google Spreadsheets.
* Data Analysis using the R programming language
* Data Visualization using R (& RStudio 2022.12.0+353)
* Documenting Data Analysis & Delivering a Report in RMD/HTML/MSWord Formats.

05/2020: Graduate Thesis (Computational Ecology)  
“Construction of a Redbook for rare species of Greek Mushrooms”

* Exploration of bibliographic references for the rare species of Greek mushrooms.
* Data mapping and analysis via statistical package (ArcMap of ArcGIS v10.5).
* Data visualization of geographic expansion via the construction of virtual maps.
* Evaluation of conservation status of rare species by IUCN criteria.

# Skills

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| * Processing & Visualization of Geographical/Ecological Data (by ArcGIS) * Programming Knowledge: (R, Python, JavaScript, Go) * Data Analysis & Visualization with R/RStudio * Spreadsheet Analysis (both MS Excel & Google Spreadsheets) * Database Management (SQL, MongoDB, GraphQL) * Web Development |

# iNTERESTS

I am still passionate about genetics and its role in human health, and so am especially interested in an occupation where I can leverage my skills for managing and analyzing data for the aim of improving the application of genetics in healthcare and medicine.

Aside from work-related interests, I also spend a lot of time pursuing other hobbies.

* Reading papers and books on Genetics and Molecular Biology
* Self-teaching myself mathematics and statistics
* Working out (at home or at the gym)