Bogdan G. Lazar

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EDUCATION

UNIVERSITY OF BATH   Bath, UK
MSc Honors degree in Innovation Technology Management. 66.37%   November 2022
Most important studied courses: Commercialisation of new technology (70%),
Project and change management (72%), Leadership and skills development for engineering management (70%)

SWANSEA UNIVERSITY   Swansea, UK
BSc Honors degree in Computer Science. 75.91 %   October 2021
Most important studied courses: Declarative Programming (75%), Algorithms (85%),
Data Visualization (85%), Video Games Development(79%), Optimization (78%), Dissertation (85%)

EXPERIENCE

TOP CLASS IMOBILIARE   Remote
Data Analyst intern   September 2022 – Present

Designed and developed **data visualizations** to improve the decision-making process within the organization using **Python** and other data visualization libraries. Built new features and maintained the current **database** for storing financial data, with **MySQL**, and **PHP**, which allowed the organization to extract meaningful data.

MYSTIC   Bath, UK
Marketing Analyst intern   November 2021 – August 2022

Examined the profitability of new marketing strategies for their new **natural language processing** services. Collected data through interviews, surveys, **A/B testing** and focus groups to deliver accurate insights. Built visuals to represent the findings using **Vega Light** with **JavaScript**.

RESEARCH EXPERIENCE

SWANSEA UNIVERSITY   Remote
Research intern   September 2020 – November 2022

Project: Verification of Bitcoin Script in Agda Using Weakest Preconditions for Access Control

Built a mechanism that specifies the correctness of smart contracts in Bitcoin by using logical expressions, evaluated through Agda. Developed unit test cases to verify the correctness of each element within the system. Produced and published an article after the development phase.

SKILLS

Technical:
Python, C#, C++, SQL, R, Java, JavaScript, Django, React, Agda, Haskell, HTML, CSS, MS Office, MS OS, MAC OS, Unix, REST, Version Control, Problem-Solving

Languages:
English (Native), Romanian (Native), French (Conversational)