Damian Mitrofan

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Summary

As a former Data Science intern and Data Analytics Executive at L'Oreal, I honed my skills in data analysis, visualization, and cloud management. I am adept at using data to provide actionable insights and help businesses make data-driven decisions.

In addition, my passion for technology and problem-solving led me to participate in CTFs and Hackathons from a young age. Through my experience creating game cheats that successfully bypassed leading anti-cheat systems, I developed a strong aptitude for reverse-engineering.

Experience

Data Analytics Executive
L'Oréal

Sep 2022 - Apr 2023 (8 months)

I coded Python scripts to read third-party APIs and analyzed the data using the Pandas, NumPy and TensorFlow libraries. I managed the GCP's VMs and Big Query datasets, where I optimized costs and delivery through normalization of the tables. I created reports and dashboards in dataviz tools like Google Data Studio, Domo and Microsoft PowerBI (according to the product owner's requirements). I undertook meetings with head of departments to propose automated solutions to their problems.

Data Science (in Marketing) Intern
L'Oréal

Jul 2022 - Sep 2022 (3 months)

I had the opportunity to automate the Competitive Reporting dashboard for the CDMO Media team by connecting 3rd parties such as Nielsen Ad Intel, Skai and BARB TV to GCP and Power BI for data analysis.

Education

King's College London
BSc Computer Science with Management

Sep 2021 - Jun 2024
Grade: First-Class Honours Expected

Computer Science Modules: Security Engineering, Information Security, Software Architecture and Design, Cryptography, Artificial Intelligence, Operating Systems and Concurrency, Practical Experiences of Programming, Software Engineering, Foundations of Computing 1 & 2, Computer, Systems, Database Systems, Data Structures, Professional Practice, Programming Practice and Applications

Management Modules: Business Strategy, Financial Statement Analysis, Fundamentals of Finance, International Business, Accounting and Financial Reporting, Marketing

King Edward's Witley

International Baccalaureate

Sep 2019 - May 2021

Subjects: Computer Science HL, Economics HL, Design Technology HL, Mathematics Analysis and Approaches, German, English Language and Literature

Licenses & Certifications

Finance Accelerator Simulation Experience in partnership with Morgan Stanley - AmplifyME

Engineering Virtual Program - Goldman Sachs

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Investment Banking Virtual Experience - J.P. Morgan

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Skills

C++ • Java • Python (Programming Language) • SQL • Google Cloud Platform (GCP) • Microsoft Power BI • Data Analysis • Threat Analysis • Reverse Engineering • Game Development

Projects

BX-CSGO

Free open-source cross-platform cheat software for Counter-Strike: Global Offensive game. Designed as an internal cheat - Dynamic-link library (DLL) loadable into game process.

GitHub repository: https://github.com/DMY2003/BX-CSGO

PUBG-Radar

Free open-source cross-platform cheat software for PUBG game. Designed as an external cheat that can be run on a different device, as it sniffers the game's packets in the network.

GitHub repository: https://github.com/DMY2003/PUBG-Radar

Bemused

Everything started when we were playing a game that required an internet connection to play together, but some of us had difficulties with it. After analyzing the problem, we got to the conclusion that a co-op game, where an internet connection isn't required will promote communication between players.

Devpost presentation: https://devpost.com/software/antitled-games-bemused