


# 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

### King Edward's Witley

International Baccalaureate

Sep 2019 - May 2021

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

### King Edward's Witley

IGCSE + Pre-Sixth Form

Sep 2018 - Jul 2019

Mathematics, Advanced Mathematics, Economics, Design Technology, Physics, Chemistry, English, German

## 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 • Reverse Engineering • Python (Programming Language) • SQL • Google Cloud Platform (GCP) • Microsoft Power BI • Google Data Studio • Data Analysis • Threat Analysis

## Honors & Awards



**Gobal Awarded - Antitled Games - NASA Space Apps Challenge**

Oct 2018



**HacktivityCon CTF - 24th Place - HackerOne**

Jul 2020



**Semi-finals, Team "Oligarchs" - Student Investor**

Feb 2020



**Climathon - 2nd Place, Antitled Games - Climathon**

Nov 2018



**Elite - Cyber Discovery - SANS Institute**

Dec 2019



**Hack-A-Sat Qualifiers - 21st Place - DEFCON**

May 2020



**Google CTF 2020 - 49th Place - Google**

Aug 2020



## **HSCTF 6 - 39th Place - HSCTF**

Jun 2019



## **CSAW CTF Final Round 2021 - 39th Place - CSAW**

Nov 2021