

CARLOS MANUEL DE OLIVEIRA ALVES

carlos-alves-one.github.io | carlos.alves.one@gmail.com | linkedin.com/in/carlos-alves-one

Professional Summary

Dynamic Computer Science graduate, honoured with a First-Class Honours Bachelor's degree, currently pursuing a Master's in Data Science and Artificial Intelligence at Goldsmiths, University of London. With a robust foundation in software development, machine learning, and project management, I have a proven track record of applying technical skills to develop innovative solutions across diverse industries. Eager to leverage my extensive programming expertise and analytical skills in a challenging environment, I am dedicated to continuing my growth in Data Science and Artificial Intelligence.

Education

M.Sc. in Data Science and Artificial Intelligence

Goldsmiths University of London, 2023 - 2024

Modules: ARTIFICIAL INTELLIGENCE, NATURAL LANGUAGE PROCESSING, BLOCKCHAIN PROGRAMMING, DATA PROGRAMMING, BIG DATA ANALYSIS, DATA SCIENCE RESEARCH TOPICS, STATISTICS AND STATISTICAL DATA MINING, DATA VISUALISATION and FINAL PROJECT IN DATA SCIENCE.

B.Sc. in Computer Science

Goldsmiths University of London, 2019 - 2023

Modules: DATA MINING, NEURAL NETWORKS, MACHINE LEARNING, DATABASES AND THE WEB, FINAL PROJECT IN COMPUTER SCIENCE, ALGORITHMS AND DATA STRUCTURES, PRINCIPLES AND APPLICATIONS OF PROGRAMMING, DATABASES AND THE WEB, SOFTWARE PROJECTS, FRONT END WEB, GRAPHICS I, INTRODUCTION TO PROGRAMMING, HOW COMPUTERS WORK, COMPUTING PROJECT I, NUMERICAL and SYMBOLIC MATHEMATICS, PROBLEM SOLVING FOR COMPUTER SCIENCE. COMPUTING PROJECT II, DYNAMIC WEB APPLICATIONS, JAVA FOR INDUSTRY, EXTENDED JAVA, FUNDAMENTALS OF COMPUTER SCIENCE, ALGORITHMS I and II, STUDY SKILLS AND INTRODUCTION TO THE USE OF COMPUTERS, FOUNDATION MATHEMATICS FOR COMPUTING, FOUNDATIONS OF PROBLEM SOLVING and FOUNDATIONS OF PROGRAMMING.

Final Academic Achievements & Thesis Documentation

<https://github.com/carlos-alves-one/BSc-Computer-Science-Thesis>

BTEC National Diploma in Computers

IEFP – Lisbon Portugal, 1990 - 1992

Modules: IBM RPG II, Clipper, SQL, Cobol, Sales and Marketing

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Technical Proficiency & Innovative Projects

I am a versatile software developer with a strong foundation in various programming languages, including advanced expertise in Python, proficiency in JavaScript and Java, and skilled use of C++ for game development. My technical skill set extends to expert use of Git for version control, deployment of applications on leading cloud computing platforms like AWS and Google Cloud Platform, and proficiency across Linux, Windows, and macOS operating systems.

All my projects, which showcase the practical application of my skills in real-world scenarios, are available as open source on my GitHub account. This includes a range of innovative solutions across machine learning, game development, and web development domains, demonstrating my commitment to contributing to the developer community and enabling collaborative improvement and learning.

Explore a wide range of innovative projects at <https://github.com/carlos-alves-one>

Professional Experience

Velar Group Limited – London, United Kingdom

Founder and Director

March 2017 – September 2019

Money Transfer & Coffee Shop – London, United Kingdom

Business Development Manager

July 2013 – March 2017

Aqua Restaurant Group – London, United Kingdom

Purchasing Manager

April 2008 – July 2013

Fast Link – IT Solutions Limited – Braga, Portugal

Founder and Director

January 2001 – April 2008

Nomimarketing Limited – Lisbon, Portugal

IT Project Manager

June 1993 – December 2000