ANTONIO FOGLIA

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EDUCATION

COLUMBIA UNIVERSITY SCHOOL OF ENGINEERING AND APPLIED SCIENCE   **New York, NY**
B.S. Applied Mathematics, Minor in Computer Science and Economics; GPA: 3.9/4.0 (Dean's List)   **Sep 2019-May 2023**
- **Courses**: Computational Mathematics, Complex Analysis, Advanced Programming (C), Artificial Intelligence (Python), Data Structures (Java), Probability, Ordinary Differential Equations, Linear Algebra, Multivariable Calculus, Macroeconomics
- **Activities**: Columbia Formula Racing Team, Blockchain@Columbia, Columbia Quant Group, Club Soccer

LATYMER UPPER SCHOOL   **London, UK**
Latymer Diploma: Distinction   **Sep 2014-Jun 2019**
- **A-Levels**: Italian (A*), Mathematics (A), Further Mathematics (A), Physics (A), Chemistry(A)
- **ACT**: English (35), Mathematics (34), Reading (34), Science (35)

EXPERIENCE

DN CAPITAL   **London, UK**
Venture Capital Analyst Internship   **May 2021-Jul 2021**
- Worked as an analyst at one of Europe's leading venture capital funds
- Sourced, engaged, and assessed companies for potential deals in the SaaS and Marketplaces sectors, presented to Investment Committee
- Restructured and optimized internal deal flow to streamline deal assessment and competitive fund analysis
- Assisted partners and investment managers with live deals by carrying out due diligence (UK & France geographies)

ONE LONDON BASKETBALL   **London, UK**
Co-founder and COO   **Sep 2016-Jun 2019**
- Founded, managed, and structured London-wide youth basketball league
- Implemented marketing methods and collaborated with professional football clubs to secure founding and venues
- Organized weekly fixtures and tournaments. Obtained basketball coach license

PROJECTS (*https://github.com/Antonio-Foglia*)

PYTHON
- **Breast Cancer:** coded machine learning (k-NN) algorithm to identify cancerous breast cells. Visualization of data using seaborn and implementation of Support Vector Machine using scikit-learn
- **Voice Assistant:** created a personalized voice assistant that uses chatbot to converse, translates between languages, provides useful information from the web and uses face recognition to identify users
- **Mandelbrot:** coded a visualization algorithm for the Mandelbrot set using matplotlib

JAVA
- **Video Poker:** coded a one-person poker game that allows the user to swap cards and bet tokens. Hand evaluation is token rewards coded from scratch

SKILLS

- **Languages**: Italian (native speaker, fluent), English (fluent), French (fluent), Spanish (basic), German (basic)
- **Software**: Python (NumPy, Pandas, SciPy, OpenCV, Flask, seaborn, scikit-learn, pytesseract), Java, Wolfram Mathematica, HTML, Microsoft Office, SolidWorks, Git

ACTIVITIES & INTERESTS

- **Awards**: UK national finalist, Schools Aerospace Challenge (2018); London area regional champion and head of sales, Young Enterprise Challenge (2016-2018)
- **Volunteering**: Movimento di Vita Cristiana (Missioni Onulus), volunteer, travelled to Peru and Ecuador to build houses and schools in impoverished communities, volunteered in disabled children orphanage (2016-present)
- **Other**: Competitive cross-country skier and member of athletic team O-Team (Switzerland), working towards Private Pilot's License (EU), Delta Sigma Phi fraternity active member, orchestral percussions and drum-kit player, PADI certified diver, eager sailor, surfer and windsurfer, space enthusiast, big A.C. Milan supporter, drone photographer

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