**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**: Organizational Committee Member for SIAM, Blockchain@Columbia, Columbia Quant Group, Club Soccer, Columbia Formula Racing Team, Delta Sigma Phi Fraternity

**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)

**SKILLS**

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

**PROJECTS** ([*https://github.com/Antonio-Foglia*](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 and token rewards coded from scratch

**EXPERIENCE**

**DN CAPITAL****London, UK**

*Venture Capital Analyst Internship*  **May** **2021-Jul 2021**

* Sourced, engaged, and assessed 250+ companies weekly for potential deals in the SaaS and Marketplaces sectors, presented to Investment Committee
* Created Python program to filter 500+ European deals and extract relevant ones
* Restructured and optimized internal deal flow, saving 5 hours/day in manual work
* Assisted partners and investment managers with live deals by carrying out due diligence (UK & France geographies), including rounds of £30M

**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 £50K in founding
* Organized weekly fixtures and tournaments for 500+ kids. Obtained basketball coach license

**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), orchestral percussions and drum-kit player, PADI certified diver, eager sailor, surfer and windsurfer, space enthusiast, big A.C. Milan supporter, drone photographer