

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; 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
- **Activities:** SIAM, Club Soccer (co-captain), Columbia Formula Racing Team, Blockchain@Columbia

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 (intermediate), German (basic)

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 via web scraping 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, presented to Investment Committee
- Created Python program to filter 500+ European deals and extract relevant ones, saving 5 hours/day in manual work
- Assisted partners and investment managers with live deals by carrying out due diligence, 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 for 500+ kids
- Implemented marketing methods and collaborated with professional football clubs to secure £50K in founding

ACTIVITIES & INTERESTS

- **Awards:** Regional champion, Young Enterprise Challenge (2016-2018); UK national finalist, Schools Aerospace Challenge (2018)
- **Volunteering:** Missioni Onulus, build houses and school in impoverished communities in South America (2016-present)
- **Other:** Competitive cross-country skier (Switzerland), working towards Private Pilot's License (EU), orchestral percussions, PADI certified diver, eager sailor, surfer and windsurfer, space enthusiast, A.C. Milan, drone photography