Gianangelo Dichio

gdichio@stevens.edu | 973.828.5079 | [GitHub](#) | [Medium](#) | [Bucket](#) | [Roley](#)

EDUCATION   **Stevens Institute of Technology**, Hoboken, NJ

*Master of Science in **Data Science** GPA: 3.6*   09/2023 - 08/2024
    Coursework: Statistical Methods, Numerical Linear Algebra for Big Data, Probability Theory,
    Applied Machine Learning, Deep Learning, Optimization for Data Science
    Future Courses: Natural Language Processing, Dynamic Programming & Reinforcement Learning,
    Stochastic Programming, Database Management (SQL)

*Bachelor of Science in **Pure and Applied Math** GPA: 3.4*   09/2020 - 12/2023
    Coursework: Senior Research, Discrete Math for Cryptography, Linear Algebra, Python Programming, Numerical
    Methods, Probability, Statistics, Complex Variables, Differential Equations, Differential Geometry, Multivariable
    Calculus, Mathematical Analysis, Modern Algebra, Proofs and Refutations, Physics Lab, Chemistry, Data
    Storytelling, Science Writing, Creative Writing, Philosophy, Ethics;
    Activities: Chess Club, Poker Club, Math Club, Philosophy Salon

SKILLS

    Programming: Python, Typescript, Tailwind, Nextjs, SQL, Supabase, API Integration, Bash, Git
    Mathematical: LaTeX, Algorithm Analysis, Jupyter, Statistical Methods, Modelling
    Business: Company Incorporation, Marketing, Problem Solving, Adaptability, Writing
    Personal: English, Italian, Spanish(Conversational), Guitar, Scientific Journalism

RELEVANT EXPERIENCE

CEO & Co-Founder - Roley, La Habra Heights, CA (Remote)   05/2023 - Present
    • Roley provides auto-apply for actors. [Roley](#)
    • Built fullstack user flow system using Nextjs, Tailwind, Supabase, and Stripe for user onboarding.
    • Utilized Least Squares Method to match actors with their best fit roles.

Founder & Developer - Bucket, Hoboken, NJ   11/2021 - Present
    • The Bucket Foundation provides a platform for tax-deductible research & education donations. [Bucket](#)
    • Incorporated as a Nonprofit and built a platform for researchers to propose research topics.

Chess Teacher - Alphaminds Academy, Hoboken, NJ   09/2021 - Present
    • Taught over 300 hours elementary chess. Skilled with children and working with others.
    • Brought beginner chess students' ratings up to the 700-1000 rating level.
    maya

RELEVANT PROJECTS

US States Obesity Analysis - Stevens Institute of Technology, Hoboken, NJ   02/2023 - 05/2023
    • Found that states with high obesity rates correlate with low cost of living and low income per capita using
    statistical methods and modelling such as: Sample Comparing, ANOVA, Analysis of Categorical Data, Linear
    Regression, Resampling Methods, Linear Model Selection and Regularization, and Nonlinear Methods. [Project](#)

Academic Paper Ranking - Stevens Institute of Technology, Hoboken, NJ   02/2023 - 05/2023
    • Built an academic paper ranking algorithm that ranks academic papers based on their citations using Page
    Ranking and CSR Sparse Matrix Representation. [Project](#)

ETHGlobal Hackathon - Paris, France   07/2023 - 07/2023
    • Built a secure platform for content creator sponsorship with Chainlink and Ethereum Attestation Service.
    • Chainlink Awesome Project - $1000, The Graph Pool Prize - $75. [Project](#)

U.S. Citizen - Italian Citizen