

Gianangelo Dichio

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EDUCATION

Stevens Institute of Technology, Hoboken, NJ

*Master of Science in **Data Science** GPA: 3.6*

09/2023 - 05/2024

Coursework: Statistical Methods, Numerical Linear Algebra for Big Data, Probability Theory, Applied Machine Learning, Deep Learning, Optimization for Data Science, Statistical Network Analysis, Stochastic Programming, Post-Quantum Cryptography, Time Series Analysis

*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, Prisma, API Integration, Bash, Git

Mathematical: LaTeX, Algorithm Analysis, Jupyter, Statistical Methods, Stochastic 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 automatic applications for actors. [Roley](#)
- Built fullstack user flow system using Nextjs, Tailwind, Prisma, SQL, and Stripe for user onboarding.
- Utilized Least Squares Method to match actors with their best fit roles.

Founder- Bucket, Hoboken, NJ

11/2021 - Present

- The Bucket Foundation provides a platform for research & education donations. [Bucket](#)
- Incorporated as a Nonprofit to provide tax deductible donations.

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.

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