

Max Mayer

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EDUCATION

Northeastern University | Khoury College of Computer Sciences | Boston, MA

Expected May 2027

Candidate for B.S. in Computer Science & Mathematics, Dean's List

GPA: 3.78/4.0

Relevant Courses: Data Structures & Algorithms, Systems Programming, Linear Algebra, Discrete Math, CS Theory

Activities: Quantitative Researcher, Treasurer @ Northeastern Systematic Alpha, Delta Kappa Epsilon, FinHacks Hackathon

Dwight-Englewood High School | Englewood, NJ

Jun 2023

High School Diploma | Computer Science Department Award

TECHNICAL SKILLS

Programming Languages: Python (Pandas, NumPy, Quarto, Dagster, OpenAI, Matplotlib) Java, C, C++, Racket, LaTeX

Professional Software: AWS, Github, Shopify, Illustrator, Photoshop, Excel, Powerpoint, Bloomberg Terminal

PROFESSIONAL EXPERIENCE

Incoming Risk Analyst Co-Op | **Boston Options Exchange** | Boston, Massachusetts

Sep 2025 - Dec 2025

Risk Management Analyst | **ClearAlpha Technologies** | Greenwich, Connecticut

May 2024 - Aug 2024

- Developed an automated system leveraging quantitative models to generate and visualize risk metrics for flagged portfolios, improving the precision and efficiency of decision-making for the management team
- Created a function to automate the upload and daily posting of various statistical reports to the firm's internal dashboards, significantly enhancing data accessibility and operational efficiency. This function is used by teams across the firm for their respective reporting needs

Chief Product Officer | **Finify** | Atlanta, Georgia

May 2023 - Aug 2023

- Remotely led development and launch of an AI finance chatbot using OpenAI, NASDAQ, and SEC APIs, delivering alpha and beta versions in 3 months, while managing a team of 4 developers to deploy scalable web software
- Led product demo at the Finify Investor event in Atlanta, playing a key role in attracting seed investments by showcasing key features and market potential, ultimately contributing to a \$20 million investment-based valuation

Volunteer Ski Patroller | **Windham Mountain Club** | Windham, New York

Oct 2020 - Present

- Completed 600+ hours of on-mountain training service, earning my National Ski Patrol certification in March 2023
- Developing leadership and crisis management skills by leading 20+ rescues of seriously injured skiers on the mountain, coordinating high stake emergency response efforts to ensure skier safety and medical evaluations

PROJECTS

Gaming Stockpile | eCommerce Business

Jun 2020 - Jun 2022

- Founded and managed all aspects of an online store, specializing in gaming and tech products, overseeing all operations - from website development and brand guidelines to relationships with suppliers and advertisers
- Grew a \$40 investment into a profitable, growing business, generating an ROI exceeding 10,000% within the first year, while driving 50,000 site sessions, and 2.5 million social media views content creation and audience engagement

Automated Call Scoring System | Programming Project

Apr 2024 - May 2024

- Implemented a Python script (GPT/Whisper APIs) to transcribe and analyze call center interactions, automatically rating calls based on compliance with laws and requirements, enabling rapid call evaluations, improving efficiency
- Enhanced call classification speed by 60x while reducing costs by 40x with similar accuracy, compared to the companies' human reviewers - this automation streamlined compliance checks and improved call monetization

INTERESTS

Quantitative Puzzles (top 3% of ProjectEuler solvers, Jane Street puzzle leaderboard, see [here](#)), Aviation, Space Travel, Medical Innovations, Legos, Surfing, Scuba Diving, Outdoor Adventures, DJing, Poker/Blackjack, Manual Cars