Hagop Jack Alajajian

hagop@princeton.edu | 248 - 308 - 9509 | 7154 Yarmouth Ct, West Bloomfield, MI 48322

<u>CURRENT EDUCATION</u>

Princeton University, Princeton, NJ   May 2027
B.S.E. in **Computer Science** with a Minor in Statistics/ML, Finance, and Entrepreneurship   GPA: 3.6
Relevant Coursework: High-Tech Entrepreneurship, Reasoning about Computation, Single Variable Analysis, Lin.Algebra,Data Struct & Alg
Honors Thesis: Focuses on the use of cluster groups and ML to conduct research on the iconography of ancient Armenian art
High School Statistics: Class Rank: 1 | SAT: 1500 (Math: 800) | AP Calculus - 5

<u>EXPERIENCE</u>

AI Technology Consultant and Financial Analyst Intern: Armenco Capital   Glendale, USA (07/25-11/25):
- Developed AI agents to analyze private investments (e.g., SpaceX), streamlining research by automating web/news mining, credibility and sentiment analysis, and report ingestion (email-to-agent pipeline and file upload), while improving decisions through real-time alerts, weekly summaries, and an interactive chat — reducing manual research and reporting time by ~300%
- Created AI agents to automate analysis of Venterra's quarterly reports and demographic data, improving accuracy in identifying performance & distribution deviations and running market analysis on vacancy, absorption, competition, and construction trends.
- Worked on data mining and researching lower middle market target investments, narrowing down a list of 85,000 people after data mining for Armenian American business owners to 45 people
- Sourced and analyzed lower middle market targets, streamlining 85,000 contacts to ~45 Armenian American business owners, while managing outreach and CRM pipelines and researching industries to pinpoint acquisition opportunities.

Automation Engineer and Data Analyst: Foundation for Armenian Science and Technology Yerevan, Armenia (06/24–08/24):
- Used Google Cloud API and web app tools to improve data collection and presentation for the Generation AI project, leading to a 100% increase in participating institutions and a shift from manual to automated data collection.
- Created a web communication platform with a login page to allow for seamless communication and data submission
- Conducted data analysis using Excel and MATLAB to extract insights and support project objectives
- Implemented automation for financial reporting using the Armsoft API, increasing overall efficiency

Intern: Union Atlantic Ventures   Princeton, New Jersey (12/23 – 02/24)
- Shadowed a partner as they work with investors and portfolio companies, while analyzing early stage investment opportunities
- Attended pitch meetings from investor-end, seeing how companies are assessed and how capital flows in early stage investments
- Tasked to build tech for a new project, a "costly slider", which implements various "frictions" to limit bias for rating systems

Principal Investments and AI Engineer Intern: Banca de Inversión Bancolombia   Medellin, Colombia (06/23 – 08/23)
- Worked on the Private Equity team (2 weeks) within the Investment Bank arm of Colombia's largest bank
  - Advanced transaction progress through cross-border comps, FX risk modeling, and valuation analysis
- In the engineering branch (6 weeks), created a proof-of-concept that adopts a statistical model and incorporates NLP
- Developed AI-based company-wide chatbot and software code reviewer for ~6000 of the bank's software developers and engineers; code reviewer checks for conformity to clean architecture guidelines

AI Researcher Fellowship: Lowtech AI   Remote (06/23 – 08/23)
- Designed web features at Lowtech AI, a startup dedicated to assisting users with prompt engineering and AI tool applications
- Researched and reported on applications of prompt engineering and gen. AI in finance, integrating what I learned into a web app

Co-Founder: Atlas   (09/23 – 04/24)
- Ran operations, created technology, and led pitches for Atlas, a startup dedicated to creating a peer-to-peer online renting site

<u>PRINCETON ACTIVITIES</u>
- **Princeton Armenian Society**: Vice President
- **Princeton Chess Club:** Social Chair
- **Princeton AI Alignment**: Discussion Group about the Fundamentals of AI Safety
- **Entrepreneurship Club (E-Club)**: Tigers in Product Team: Tech Lead
- **Princeton Blockchain Club**: Events Chair, involved w/ creating discourse on campus about crypto, market research, etc
- **Princeton Undergraduate Energy Association (PUEA)**: Research and Reports Team Member

<u>TECHNICAL SKILLS:</u>
- Java, Python, C, OCaml, Javascript/HTML/CSS, MatLab, R, LaTeX, Solidity, Google Sheets Script, OnShape CAD, Github, n8n

<u>AWARDS</u>
- 2024: Princeton 1978 Community Service Award
- 2022: The Engineering Society of Detroit: Outstanding Student of the Year | Michigan All-Star Math Team (top 30 mathlete students in state)
  Links: Portfolio Website: https://hagop-a.github.io/portfolio-website/; LinkedIn: https://www.linkedin.com/in/hagop-alajajian-331181206/