# Alexander Domnikov Jr.

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## EDUCATION

**Georgia Institute of Technology**                                                                      Atlanta, GA
*Master of Science in Computer Science*                                                          Jan 2026 - Present

**Orange Coast College**                                                                               Costa Mesa, CA
*Prerequisite Courses for Computer Science Master Programs*                                     Jun 2024 - Dec 2025
- GPA 4.00 / 4.00
- Relevant coursework: Intro Java, C++ 1-2, Data Structures/Algorithms in C++, Discrete Structures, Calc 1-3

**Brigham Young University – Marriott School of Business**                                                Provo, UT
*Bachelor of Science in Finance*                                                                        Apr 2022
- GPA 3.85 / 4.00
- GRE 334 / 340 (169V / 165Q / 5AWA, Jan 2022)

## EXPERIENCE

**Dodge & Cox**                                                                                   San Francisco, CA
*Equity Research Associate – Global Internet & Machinery Coverage*                               Aug 2022 - Aug 2024
- Received offer for promotion to Senior Equity Research Associate
- Cleaned & standardized unformatted US construction spend data using VBA; used data to evaluate industry cyclicality; presented relevant data in charts extrapolating construction spend trends to gain insights for investment opportunities
- Crafted monthly reports outlining potential investment opportunities based on comparable company financial metrics, app user data trends, and changes in consensus forecasts for various companies within our investable universe
- Built bottoms-up financial model utilizing cohort analysis to drive revenue growth for industrial fastener company
- Studied consultant reports, academic papers, government publications, and textbooks to understand the market demand and limitations of emerging clean technologies; crafted report and presented findings to investment committee
- Managed two other Research Associates to organize stock pitch competition for 20 west coast schools; organized outreach, coordinated planning sessions, and helped judge submissions (100% increase in submissions YoY)
- Read through proposed laws, US Copyright Office guidance, and various legal memos, then met with vendors & political analysts in one-on-one meetings to better understand legal complexities surrounding generative AI

**JPMorgan Chase & Co.**                                                                              New York, NY
*Healthcare Investment Banking Summer Analyst*                                                   Jun 2021 - Aug 2021
- Received full-time return offer

*Final Project: Hypothetical Buy-Side Advisor to Medical Device Client*
- Researched product offerings, revenue growth rates, market share, and geographical concentration of competitors to assess future prospects of target company and spread comparable company financials to calculate relative value
- Constructed discounted cash flow and leveraged buyout models to calculate intrinsic value of target company
- Argued to panel of four judges that the target company was currently overvalued given that its relative valuation was higher than all other competitors and that it had a relatively small chance of success at breaking into target market

## PERSONAL PROJECTS

**Full-Stack Stock Price Tracker & Visualization App**
*github.com/alexdomnikov/Stock-Price-Checker*
- Implemented secure user authentication using Flask-Login/Flask-Bcrypt for hashing and session management
- Integrated the Alpha Vantage API to fetch, parse, and handle errors for historical stock price data
- Created interactive stock price charts using Plotly, enabling users to hover and zoom for specific historical price data
- Built SQLite relational database schema using SQLAlchemy (ORM) to manage user data and watchlists (CRUD)
- Applied SDLC principles, including Git version control, project setup, and clear documentation
- Tech stack: Python, Flask, SQLAlchemy, SQLite, Bootstrap, Jinja2, Plotly.js

## SKILLS & INTERESTS
- Interests: pickleball, board and card games, science fiction, LA Dodgers, astronomy, and Post-Impressionist art