

Alexander Domnikov Jr.

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EDUCATION

Georgia Institute of Technology <i>Master of Science in Computer Science</i>	Atlanta, GA Jan 2026 - Present
Orange Coast College <i>Prerequisite Courses for Computer Science Master Programs</i> <ul style="list-style-type: none">▪ GPA 4.00 / 4.00▪ Relevant coursework: Intro Java, C++ 1-2, Data Structures/Algorithms in C++, Discrete Structures, Calc 1-3	Costa Mesa, CA Jun 2024 - Dec 2025
Brigham Young University – Marriott School of Business <i>Bachelor of Science in Finance</i> <ul style="list-style-type: none">▪ GPA 3.85 / 4.00	Provo, UT Apr 2022

EXPERIENCE

Dodge & Cox <i>Equity Research Associate – Global Internet & Machinery Coverage</i> <ul style="list-style-type: none">▪ Received offer for promotion to Senior Equity Research Associate▪ Cleaned & standardized unformatted US construction spend data using VBA; used data to evaluate industry cyclicalities; 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▪ 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	San Francisco, CA Aug 2022 - Aug 2024
JPMorgan Chase & Co. <i>Healthcare Investment Banking Summer Analyst</i> <ul style="list-style-type: none">▪ Received full-time return offer▪ Researched product offerings, revenue growth rates, market share, and geographical concentration of competitors to assess prospects of target company and built relevant financial models to calculate relative value	New York, NY Jun 2021 - Aug 2021

PERSONAL PROJECTS

Ephemeral Notes Feature (Forked Codebase) <i>github.com/alexdomnikov/reduced.to</i> <ul style="list-style-type: none">▪ Designed stateless, self-destructing notes feature by compressing messages into URL hashes and routing through existing URL shortener; leveraged Redis TTL for automatic 30-min expiration with zero database schema changes▪ Added XSS protection via plain-text rendering; wrote unit tests ensuring deterministic compression▪ Resolved Qwik-specific issues (QRL serialization, SSR hydration) while working in an unfamiliar codebase▪ Tech stack: Qwik, Tailwind CSS, TypeScript, NestJS	
Full-Stack Stock Price Tracker & Visualization App <i>github.com/alexdomnikov/Stock-Price-Checker</i> <ul style="list-style-type: none">▪ 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