Employment

June 2021 - Present   **Domain Money**   **New York City, NY**
>Position: CTO (Dec 2022-Present)/VP Product Engineering (June 2021-Dec 2022)
>Duties: Designing and developing all key money movement systems. Hiring/Recruiting. Forming business partnerships. Financial forecasting. Setting code quality standards. Working with design and product to determine product roadmap. Fraud/Money Movement Ops. Reporting key metrics.
>Technologies Used: Typescript, AWS, Terraform, PostgreSQL, Jade/Pug, Snowflake, Data Dog

Nov 2020 - June 2021   **Amazon (Buy with Prime)**   **New York City, NY**
>Position: Lead Software Engineer (L6)
>Duties: Designing and developing the caching, customer support, and customer servicing systems. Creating roadmaps, making resourcing requirements, and setting timelines. Communicating progress to upper management. Interviewing new candidates. Mentoring Junior/Senior engineers.
>Technologies Used: Typescript, AWS, DynamoDB, Java, Redis, C#.

May 2016 - Nov 2020   **Clarity Money/Goldman Sachs**   **New York City, NY**
>Position: Lead Software Engineer (Founding member)/Vice President
>Duties: Principal API developer. Planning and executing software projects that comprise the core functionality of the application. Mentoring other engineers. Assisting with feature roadmaps. Helping with recruiting. Managing infrastructure. Maintaining an automated testing framework.
>Technologies Used: Node, AWS, PostgreSQL, Python, HTML, Swift, Jade/Pug, Java.

September 2012 – May 2016   **Betterment**   **New York City, NY**
>Position: Software Developer
>Duties: Executing, planning, and leading back-end software projects that facilitated all aspects of business operations. Interacting with and supporting our operations team. Training new engineers. Interviewing job candidates. Integrating with vendors. Documenting existing systems.
>Technologies Used: Java, MySql, AWS, Ruby on Rails, Spring, Hibernate, Python, Unix, Javascript, Flex, SVN, Data Warehouse (star schema), JQuery, Underscore, JRuby.
>Projects: Creating and improving cash movement systems, implementing required regulatory systems, adding features to trading systems, data warehousing, creating a split testing framework, building an operations dashboard, and improving customer support tools.

June 2011-August 2011   **Bloomberg L.P**   **New York City, NY**
>Position: R&D Intern.
>Duties: Designing, developing, and documenting administrative tools for charts within the Bloomberg Terminal. Adding metrics to track user interaction in existing applications.
>Technologies Used: C++, Javascript, SQL.

May 2010-April 2011   **Adameck Consulting**   **Silver Spring, MD/NYC**
>Position: Intern for the National Oceanic and Atmospheric Administration (NOAA).
>Duties: Designing and developing a custom content repository system for internal NOAA users.
>Technologies Used: Java, Adobe Flex, Tomcat, Hibernate, PHP, XML, JAX-WS, and Spring.

Summer 2007, 2008, 2009   **Life Technologies**   **Rockville, MD**
>Position: Computer Science Intern.
>Duties: Integrating new reports functionality into an existing licensing system. Creating a Portlet using the Google Maps API within an existing Portal system to help monitor instruments.
>Training: Requirements Management Course.
>Technologies Used: Java, JUnit, JDBC, Oracle/SQL, XML, Hibernate, Wicket, Soap, Jasper.

Summer 2004, 2005, 2006 Winter 2005, 2006, 2007, 2008   **Rockville, MD**
Community Services for Autistic Adults and Children
>Position: IT Administration.
>Duties: Maintaining multiple servers, setting up computers, and repairing computer problems.

Education

2010-2012   **New York University**   **GPA:** 3.6   New York City, NY

Graduated with an M.S. in Computer Science

Relevant Coursework: Production Quality Software, Open Source Tools, Multicore Programming, Operating Systems, Fundamental Algorithms, Programming Languages, Advanced Databases, Social Multiplayer Games, Motion Sensing, Java Music Programming, MAX/MSP Programming.

2006-2010 **St. Mary's Honors College of Maryland** **GPA:** 3.4 St. Mary's City, MD

Graduated with a B.A. in Computer Science.

Relevant Coursework**:** Software Engineering, Java, Algorithms/Data Structures, Computer Architecture, Computer Graphics, Game Development, Computer Networks, Theory of Database Management Systems, Electronic Design Automation, Discrete Math, Calculus, Macro/Micro Economics.

Teacher Assistant: Algorithms/Data Structures, Computer Programming II.

Awards: Dean's List, 2010 CS Teaching Assistant Prize, CAC All-Academic Team, ITA Scholar-Athlete.

Extracurricular Activities

- January 2024 - May 2024: Seahawk Mentor - Mentoring first year students in career development
- Fall 2010-Spring 2012: Masters Association for Computer Science
- Fall 2009-Spring 2010: Treasurer of St. Mary's ACM chapter
- Fall 2007-Spring 2010: NCAA Tennis

Other Skills

- Familiarity with professional development tools like GIT, Cursor, and Visual Studio Code.
- Scrum master experience.
- Mobile development experience on Android using PlayN, Phonegap, and the Android SDK.
- Developing software using design patterns and test-driven development.
- Understanding of scripting languages such as Python, Bash, Awk, and Sed.
- Excellent understanding of Linux Terminal Tools and Scripting.
- Fluency in English and Russian, both written and spoken.