William Anderson
Computer Programmer

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LinkedIn
Github

WORK EXPERIENCE

Two Sigma
Computer Programmer
New York City, NY | 2020 - current

- Worked with a team of 7 programmers to develop a risk management system that **reduced portfolio volatility by 9.4% for all clients**.
- Led the main team in migrating 16+ projects to a new Git repository structure, improving codebase organization.
- Maintained 4 trading algorithms, helping clients increase their portfolio returns by 13%.
- Updated a legacy codebase of 436K lines, improving overall functionality and reducing crash instances by 52%.

Spotify
Senior Software Engineer
New York City, NY | 2017 - 2020

- Led a team to develop 3 major app features using Android Studio, which increased mobile app user engagement by 36%.
- Worked alongside UX/UI designers to **make current websites more user-friendly using Angular, improving user satisfaction by 21%**.
- Managed the entire source code with best practices and achieved a monthly 97% code review pass rate.
- Assisted in scaling the platform to support an additional 4.3M users without facing any downtime.
- Collaborated with different departments to define and implement 54+ basic APIs, reducing integration time by 19%.

BlackRock
Software Architect
New York City, NY | 2014 - 2017

- Migrated legacy applications to modern React. js-based architectures, decreasing the average load time by 57%.
- Architected a robust trading platform that **handled $437M daily transactions with 96.92% uptime**.
- Developed data processing systems that efficiently handled 2.3 TB of daily financial data, including stock prices, index values, etc.
- Attended meetings with business operations managers to translate 33+ complex investment strategies into efficient software solutions.

SKILLS

- Python
- Java
- Visual Studio Code
- IntelliJ IDEA
- Git
- SVN
- React.js
- Angular
- Android Studio
- Xcode

EDUCATION

Bachelor of Science Computer Science
New York University
2010 - 2014
New York City, NY