

Julian Matthews

Computer Programmer

Computer programmer with nine years of experience developing scalable, high-performance applications for financial systems and retail platforms. Adept in C++, Python, and Java, with a track record of reducing operational costs and improving software efficiency. Skilled at refactoring codebases and mentoring junior developers.

EDUCATION

Bachelor of Science (B.S.) in
Computer Science

University of Colorado Boulder,
Boulder, CO
May 2015

PROFESSIONAL EXPERIENCE

Senior Computer Programmer | FinSpace Technologies, Denver, CO
April 2018 – Present

- Refactored core C++ trading engine, cutting latency by 36% and improving trade execution times by over 200 milliseconds per transaction across five high-frequency systems
- Designed and implemented a Python-based logging and monitoring tool adopted across four teams, which reduced post-deployment bug investigations by 53%
- Led quarterly code audits and documentation sprints, reducing tech debt backlog by 22% and improving onboarding time for new engineers by 40%

Programmer Analyst | Red River Retail Systems, Boulder, CO
January 2015 – March 2018

- Developed a real-time inventory reconciliation system for 50+ retail locations that lowered inventory loss by 70% and reduced manual stock audits by 80 labor hours monthly
- Automated generation of financial reports for the analytics team, saving approximately \$42,000 annually in manual reporting labor
- Collaborated with a cross-functional team to standardize database access protocols, reducing API errors by 61% and streamlining internal development