

Andy Koch

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EXPERIENCE

INTERMEDIATE CORE JAVA DEVELOPER

Detroit, MI

01/2016 – present

- Work on high performance market making and execution technology
- Primarily a server side development role, but with the potential to include client work
- Provide 3rd line of support
- Analyze, estimate, design, develop, test, support and maintenance of Equities Middle Office applications
- Perform Level 3 application support which includes resolving issues/user questions through investigation, research, and debugging the application
- Hands-on Developer - design, code and test equities functionality on the Equities Middle Office platform
- The role includes development (enhancements and significant strategic delivery) and level 3 support to the Global Equities Middle Office platform

SENIOR CORE JAVA DEVELOPER

New York, NY

01/2011 – 08/2015

- Performing program design, coding and development - Performing unit and integration testing
- Directly and virtually work with a team of professionals to clearly define and execute improvements in Retail and Institutional Equities businesses
- Directly impacts the business by ensuring the quality of work provided by self and others; works closely with other teams as partner
- Perform program design, coding and Development - Performing unit and integration testing
- Design and develop pricing and risk components to support the market-making business working across Equities, FX and Commodities
- Unified Development environment (Developers systems as well as servers)
- Develop and maintain a large scale data management solution built upon today's latest technologies

CORE JAVA DEVELOPER

San Francisco, CA

06/2007 – 12/2010

- Providing 3rd level support by working with the frontline production management team
- Responsible for people Management, including goal setting and providing performance feedback
- Ensure quality of the developed part of component(s) / work product(s) (conformance with development process) and its technical delivery
- Responsible for developing multi-tier websites, the full cycle: analysis, design, development, testing, and documentation
- Work closely with the Product Management, Support, and Test Engineering teams to achieve the highest business value for the company
- Submit the work products into the software configuration management
- Be extremely strong technically; have the knack of developing/supporting strategic frameworks

EDUCATION

LIBERTY UNIVERSITY

Bachelor's Degree in Computer Science

SKILLS

- Strong ability to learn existing applications quickly and to be able to make modifications
- Good Knowledge of database fundamentals and ability to write efficient SQLs
- Strong OO design skills with good knowledge of object modelling and design patterns
- Good communication ability and technical presentation ability (oral and written)
- Strong communication and interpersonal skills, including the ability to develop and maintain effective relationships with users and vendors
- Strong interpersonal and communication skills. Ability to work with multi-cultural and geographically distributed teams
- Strong knowledge of the UNIX/Linux Operating system: shell scripting
- Investment industry knowledge, particularly in the areas of Fixed Income Trading and Portfolio Management, is a strong
- Strong knowledge of SQL and Sybase
- Experience in onsite/offshore coordination is highly desirable