
Gregory J. Flynn

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Education

Georgia Institute of Technology

Master of Science in Computer Science (*August 2018*)

- *Grade Point Average: 4.00*

Rutgers University

Bachelor of Science in Computer Science (*May 2015*)

- *Grade Point Average: 3.75*

Programming Languages

Java/J2EE, SQL, HTML/CSS, Python, C, Scheme, XML, JSON, and JavaScript

Related Experience

App Systems Software Engineer IV (July 2017 – Present)

Wells Fargo – North Brunswick, NJ

- ✚ Worked as a backend software developer using core Java and Java Microservices
- ✚ Participated in an Agile based team developing a Commodities trading application which consists of over 15 separate services
- ✚ Took part in multiple levels of the SDLC
- ✚ Responsible for developing new application features/functionality and seeing them through to production release
- ✚ Created custom algorithms to accomplish business needs such as working with the APIs of upstream applications in order to source trades
- ✚ Built a trade life cycle service to facilitate the various transitions throughout the lifetime of a trade
- ✚ Used JMS queues/topics to transfer trades to and from our local application

Software Engineer (June 2015 – July 2017)

AXA Equitable – Jersey City, NJ

- ✚ Developed interfaces using several programming languages on the customer's request
- ✚ Wrote Oracle PL/SQL code to make modifications and updates to applications
- ✚ Wrote SQL code to map fields in external files to top-level application fields

- ✚ Wrote and automated tools and scripts to increase team efficiency
- ✚ Designed scripts to pull usage and license data from external applications into CSV files
- ✚ Formally trained in Agile and DevOps methodologies
- ✚ Provided support and implemented new features for multiple production applications

Skills

- ▶ Extensive use of modern versioning and deployment tools such as Git, Jenkins, uDeploy, Anthill, and Artifactory
- ▶ Strong working knowledge of Java-related technologies including Spring, MyBatis, Hibernate, and Maven
- ▶ Experience in the development of software and web applications using Java and J2EE technologies
- ▶ Experienced with multithreaded/multiprocessing programming including manual thread synchronization and shared-memory multiprocessing
- ▶ Experience writing advanced SQL queries and debugging PL/SQL procedures
- ▶ Familiar with the AWS developer tool suite
- ▶ Experience processing large data sets using the MapReduce model of the Apache Hadoop framework

Projects

- ▶ Built a Java report-generating tool able to iterate through over a dozen log files, connect to a remote database, and save pertinent information into daily status reports
- ▶ Lead a team in the design and implementation of an online J2EE web application for requesting and receiving special permission numbers deployed with an Apache Tomcat webserver
- ▶ Built a chess application and a point-of-sale ordering system for the Android mobile OS
- ▶ Created a JavaScript security plugin for Google Chrome which is able to mitigate against cross-site scripting attacks

Databases

Oracle, SQL Server, SQLite, and MySQL