DAVID FASTJE

661·532·8344 ⋄ dfastjeWork@gmail.com

EXPERIENCE

Capital One   Aug. 2017 - June 2018
Software Engineer, Senior Associate   *Richmond, VA*

· Primary developer for three microservices using Java, Maven, and AWS (EC2, Lambda, S3, SQS)
· Performed multiple end-to-end tests in production environment for business-critical application
· Developed two Java libraries used across multiple teams and applications for security and code reuse
· Employed 90% code coverage for all code by writing unit tests using JUnit, Mockito, and Powermock
· Re-tooled product with microservice architecture to comply with security standards
· Developed functional tests for individual microservices using Cucumber
· Implemented CI/CD pipeline with Jenkins in four microservices

General Motors   June 2015 - June 2017
Java Developer   *Chandler, AZ*

· Contributed to development of mission critical supply chain and warehousing applications using
  Java (Spring), SQL, JavaScript (Angular), Batch, Tomcat, WebLogic, IntelliJ, and Eclipse
· Administered continuous integration and code quality tools for team using Jenkins and Maven
· Directed branching and merging of code for several simultaneous development life cycles
· Managed and maintained all WebLogic and Tomcat web application servers for projects
· Led development of kiosk web application module for warehousing project
· Organized and managed production release of global application
· Collaborated with business to determine development requirements
· Led team subgroups in development of application features

Center for Gamma-Ray Imaging   May 2011 - May 2015, 1 Year Hiatus
Research Assistant   *Tucson, AZ*

· Validated experimental results by programming Monte-Carlo simulations using MATLAB
· Acquired and analyzed large data sets from experiments using C, MATLAB, and Labview
· Experimentally determined optimum scintillator and geometry using PMTs and SPECT cameras
· Researched, designed, and troubleshooted all aspects of SPECT imaging systems
· Designed, constructed, and tested neutron and gamma-ray imaging systems
· Presented and published research on multiple occasions

TECHNICAL STRENGTHS

Computer Languages	Java (Spring), C, SQL, XML (Maven), MATLAB, Labview
Code Management	SVN, TFS, Git, ALM
IDEs	Eclipse, IntelliJ, Sublime Text, SQL Developer, Visual Studios
Web Servers	Oracle WebLogic, Apache Tomcat

EDUCATION

University of Arizona   May 2015
B.S. in Physics; Minor in Mathematics

Courses	Program design and development (Java); Computational Physics (C); Experimental Physics I, II, III (IGOR, LaTeX, MATLAB)