

Joey K Black

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SUMMARY OF QUALIFICATIONS

BS in Computer Science (summa cum laude)
10+ years computer programming experience (5+ years professional)
Java, Hibernate, JPA, Spring, GWT, JAAS, JMS, JAX-WS
Git, Jenkins, Ant, WebSphere 8.5, RSA, Oracle, Linux
Object Oriented Design, Design Patterns, SOA, Agile
Additional experience: Clojure, Groovy, Python, Common Lisp, C/C++, PL/SQL

WORK EXPERIENCE

NAVAIR, Jacksonville, Florida
Software Engineer, 6/22/2009 - Present

- ▶ As a member of the Architectural Design Team, I assist in developing high level organizational architecture, promote re-usability, and coordinating consistency across projects.
- ▶ As the Team Lead for MXES_IF, I lead daily standup meetings, as well as coordinate analysis, design, development, and testing.
- ▶ As the Architect for several projects, I develop high level solutions that align with our organizational goals and standards, facilitate long term supportability and maintainability, and are feasible with the given resource, time, and system constraints.
- ▶ As a Developer on several major projects, I have implemented multiple solutions including:
 - * A GWT RPC security framework used by all integrated applications
 - * Migration scripts to migrate and merge databases
 - * A code generator that significantly reduced development time of new services
- ▶ As a member of the developer Selection Advisory Board, I helped develop and apply criteria for resumes and interviews that would optimize our chances of hiring the best candidate.
- ▶ In order to facilitate the resolution of the problem of whether to stay with Git or move to the RTC SCM, I performed research, presented the results, and developed a solution for integration.
- ▶ In order to improve our development process, I have set-up and automated many of our source control, continuous integration, automated deployment, and requirements tracking systems.
- ▶ In order to encourage the ongoing improvement of development skills for myself and other NDMS developers, I have been assembling a collection of Code Katas in our SCM tool.
- ▶ In order to bring NDMS into compliance with STIG requirements, I performed research and analysis, presented possible solutions, and participated in resolution efforts.

EDUCATION

University of North Florida, Jacksonville, Florida
Bachelor of Science, Computer and Information Sciences, April 2009
GPA: 3.8 / 4.0

Additional Courses

- ▶ UF - Analysis of Algorithms (COT5405)
- ▶ Stanford MOOC - Introduction to Artificial Intelligence (top 5%)
- ▶ Stanford MOOC - Machine Learning

PROJECTS AND INTERESTS

Computer Go: I enjoy developing game playing algorithms for Go. Java, C, Common Lisp, Clojure

Side Projects

- ▶ Mystical Basket: Did early research and development for MistyKit website. C#, JavaScript
- ▶ Popular Motor Cars: Created car listing application. Python, Google App Engine
- ▶ LifeThrive: Developed personality profile test. Python, XSLT, Google App Engine

OTHER WORK EXPERIENCE

Ponte Vedra Inn and Club, Ponte Vedra Beach, Florida

Security Guard, 2/2008 - 10/2008

Beaches Chapel School, Jacksonville, Florida

Karate Instructor, fall 2006 and spring 2007