

# 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, promoting 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