

# Joey K Black

Jacksonville, Florida  
joeykblack@gmail.com

[joeykblack.github.io](https://github.com/joeykblack)

(904) 662-8117

## SUMMARY OF QUALIFICATIONS

BS in Computer Science (summa cum laude)  
7+ years developing Java EE applications  
REST, Hibernate, JPA, Spring, JAAS, JMS, GWT  
Git, Jenkins, Ant, Ivy, Eclipse, Oracle, Linux, WebSphere 8.5  
Object Oriented Design, Design Patterns, SOA, Agile  
Additional experience: SOAP, Clojure, Groovy, Python, 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](#)

## PAST PROJECTS

**Top Priority:** Android applications for task management and prioritization

**Computer Go:** I have written Go playing programs in several languages [Java](#), [C](#), [Common Lisp](#), [Clojure](#)

**Mystical Basket:** Did early research and development for MistyKit website. C#, JavaScript

**LifeThrive:** Developed personality profile test. Python, XSLT, Google App Engine

**Karate:** 2nd degree black belt and karate instructor