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 ADT, I assist in developing high level organizational architecture, promote re-usability and coordinating consistency across projects.
- As the Team Lead for MXES_IF I coordinated analysis, design, development and testing for the v1.0.1.1 release.
- As the Architect for several projects I developed a high level solution that aligned with our organizational goals and standards, facilitated long term supportability and maintainability and was feasible with the given resource, time and system constraints.
- As a Developer for CONOPS and NDMS_DS I developed several components 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
- 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 some of the 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 and presented possible solutions.

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