David Wong

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| Technical Skills | | |
|  | **Programming** | Java, C++, C#, PL/SQL, Python |
|  | **Web** | JBoss, WebLogic, JavaServer Faces, XHTML, CSS, XML, XSLT, AngularJS |
|  | **Database** | SQL, Oracle 10/11g, Hibernate |
|  | **Automation** | Selenium, Grinder Load Testing, jMock |
|  | **OSes** | Windows, Linux (Ubuntu, CentOS, RHEL) |
|  | **Tools** | SVN, Eclipse, Visual Studio, SQL Developer, Jenkins, Visio, DOORS,  Atlassian Suite (JIRA, Crucible, Confluence), Enterprise Architect |
| Experience | | |
|  | **National Cyber Range (NCR) Program**, Lockheed Martin RMS, Orlando, FL  *01/2019 –Present, Event Lead*  Led cross functional teams in creating network vulnerability and cyber training exercises.   * Managed team schedule and tasking, authored design diagrams, and worked with event designer. * Utilized in-house tools to automatically provision software and deploy applications * Developed network traffic generation modules * Led manually configuration efforts (routing, email config, traffic generation)   **Pilot Training Aid (PTA) Program**, Lockheed Martin RMS, Orlando, FL  *01/2018 –01/2019, Software Engineer*  Developed PTA using C++ custom release for UK with MADL multi-ship capability.   * Integrated PTA software with latest Prepar3d releases. * Added support within PTA for new cross-network messages. * Deputized as interim PTA SW Lead and Scrum Master   **TMS 2.0 Program**, Lockheed Martin RMS, Orlando, FL  *05/2015 – 12/2017 Software Team Lead*  Led a development SCRUM team during TMS 2.0 and TMS 2.1 initial development lifecycles.   * Developed use cases flows from UI to DAO layer using Java and Hibernate for periodic training plans, flight record management, and decentralized maintenance. * Created Richfaces UI, Java MVC, and DAO connected to Oracle DB via Hibernate JPA. * Acted as SME for ALIS messaging and JMS messaging integration. * Authored Grinder load testing scripts using Jython.   **JSF ALIS Program**, Lockheed Martin RMS, Orlando, FL  *06/2011 – 05/2015, Software Team Lead*  Acted as Common Infrastructure (CI) team product owner and Scrum Master for ALIS 2.0.2.0 release.   * Implemented Java software and database script updates to support EELv3.3 schema updates. * Led development of JSF/Rich Faces EEL Data Viewer web application. * Managed Jenkins server and performed build and merge activities for team. * Supported numerous proposal and BOE efforts, providing estimates for CI team. | |
| **National Cyber Range Program***,* Lockheed Martin, Orlando, FL  *02/2011 – 05/2011, Software Engineer*  Developed software and provided integration support for Phase II testing.   * Setup and deployed an open-source certificate authority solution (OpenCA). * Developed Java software for test bed provisioning process, integrated with Oracle 11g. * Implemented SSL with Oracle Internet Directory (OID) using Oracle Wallets. Integrated RHEL PAM\_LDAP modules with Oracle Internet Directory to have user logins point to LDAP server. * Wrote and updated DB administrator bash creation scripts, and LDAP ldif files. | |
|  | **OneSAF Program**, Lockheed Martin, Orlando, FL  *09/2010 – 01/2011, Models and Tools Capability Team Lead*  Served as a capability team lead in developing behavior and physical model software for OneSAF Objective System (OOS). Included requirements analysis, design, implementation, unit testing, and system integration. Development efforts included:   * Future Combat Systems (FCS) behavior for Non-Line of Sight cannon. * Behavioral and physical models for CBRN cloud effects. * Behavior that simulates dynamic crowd formation and dispersion. | |
|  | *04/2003 – 08/2010, Software Engineer*  Developed software in Java for OneSAF simulation system. Major tasks included:   * Behavioral models including IEDs, suicide bombers, and dynamic side changes. * Extension and maintenance of physical mobility models for ground and air movement. * Served on pre-release Tiger Teams to fix critical problems. | |
| * Responsible for unit and system level testing for the OneSAF integration and test team. * Interfaced with customer during test events, provided technical guidance. | |
|  | **JSF Harmonization Program,** Lockheed Martin, Orlando, FL  *06/2002 – 04/2003, Software Engineer*   * Developed C/C++ middleware for LM-STAR automated test equipment. Acted as point of contact for Huntsville LM engineers on Digital Test Instrument. * Supported the integration effort by working jointly with software and hardware groups through integration, test, and training phases. | |
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| Education  **University of Central Florida – Orlando, FL**  Master of Science in Engineering Management – May 2009 | | |  |
|  | **University of Florida – Gainesville, FL**  Bachelor of Science in Computer Engineering – May 2002 | |
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| Clearance / Certifications   * Active Top Secret/SCI security clearance * Professional ScrumMaster I (PSM-I) Certified | | |  |
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