

WILLIAM “JIMMY” COOK

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LANGUAGES, TECHNOLOGIES, AND CONCEPTS

Server Side Technologies: Java EE, Spring MVC Framework, REST

Data Tier Technologies: MySQL, PostgreSQL, Spring JDBC

Client Side Technologies: AngularJS, jQuery, JavaScript, CSS, HTML, Bootstrap, AJAX

Language Fundamentals: Object-Oriented Programming, Unit Testing, Debugging Techniques, Agile Methodology Principles, and Class Modeling

PROJECTS

- **GitHub Repository:** <https://github.com/WJimmyCook>
- **Vending Machine Web App:** Full stack web application using Java, AngularJS, HTML, CSS, Bootstrap, and AJAX. Spring MVC architecture with PostgreSQL database, JUnit testing, and a unique web user interface.
Github: <https://github.com/WJimmyCook/vending-machine>
Deployed App: <https://vending-machine.herokuapp.com>
- **Fish Tank Web App:** Full stack Spring MVC web application using Java, jQuery, CSS, Bootstrap, HTML, AJAX, MySQL, and Spring JDBC.
Github: <https://github.com/WJimmyCook/fish-tank>
- **Order Management App for a Flooring Business:** A multi-tiered, MVC console application that reads from and writes to multiple files. Spring Dependency Injection connects the different components. 3 fully-implemented DAOs with CRUD functionality and JUnit Tests.
Github: <https://github.com/WJimmyCook/flooring-console>

PROFESSIONAL EXPERIENCE

THE SOFTWARE GUILD – Louisville, Kentucky

Java Software Developer Apprentice (Sep 2016 - Dec 2016). The Software Guild is an intensive, fast-paced apprenticeship program.. Learned Java language fundamentals such as variable declaration, looping constructs, conditional statements, class modeling, exception handling, unit testing, and n-tier application structure. Incorporated project management tools like wire-framing, user stories, work estimation, and iterative development.

Highlights

Created full-stack web applications using Java, Spring MVC, HTML, CSS, JavaScript, and jQuery. On the database side we utilized MySQL, SQL Query Writing, Table Creation, Spring JDBC, and Hibernate.

RAYTHEON – Louisville, Kentucky

Procurement Analyst (2015 - 2016). Researched and analyzed procurement data using Microsoft Excel, Crystal Reports, SAP Business Warehouse, and other tools. Prepared weekly performance metrics. Provide training and support to team members on use of Microsoft Excel and other analysis programs.

Highlights

Improved on-time delivery of purchased materials needed to meet Raytheon's contractual obligations; analyzed data, created metrics, and identified potential hold-ups in the material procurement process.

DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA) – Kandahar, Afghanistan

Trenchant Analytics

Logistics Analyst (Contract, 2013 - 2014). Member of cross-functional DARPA research team that worked closely with Special Operations forces on a NATO base in Afghanistan. Maintained smooth flow of operations, including receipt, storage, and issuing of equipment. Created reports, analyzed data, and received / coordinated local incoming shipments.

Highlights

Successfully extended company's contract by validating benefits of blast sensor technology and transferring test program into a full-scale program adopted by the US Army, Special Operations Forces, and Police SWAT teams.

WORLDWIDE LANGUAGE RESOURCES – Kandahar, Afghanistan

Team Lead / Mail Movement (Contract, 2011 - 2012). Received daily deliveries, verified quantities, and updated records. Examined incoming mail and matched with manifest to verify accuracy of shipment. Coordinated with US Military units to dispatch mail container convoys and flights. Ensured appropriate documentation for outgoing mail to FOBs. Tracked the location of all mail conex containers and their contents in Kandahar and the surrounding nine FOBs. Updated the tracking log accordingly. Prepared daily Excel reports on mail counts, PMCS, and Conex log; provided updates to management.

Highlights

Worked 12-15 hours a day, 7 days a week to accommodate large mail surge and the timely delivery of care packages to troops and civilian personnel in Afghanistan. Developed logistical systems to process incoming mail within 24 hours and ensure delivery to Afghan outstations within a week.

PROFESSIONAL POKER PLAYER – Dayton, OH

Professional Online Poker Player (2008 - 2011). Utilized tracking software and database to compile information for each session over a three-year period. Leveraged intense research, data analysis and problem-solving skills to devise winning strategies and ensure continuous improvement. Applied strict risk management concepts to make rapid decisions in a high pressure, financially-charged environment.

Highlights

Went from basic knowledge of poker to playing professionally with one year of self study. Acquired the ability to stay calm, think critically, and adapt in situations where events often unfold in ways you can't control.

EDUCATION

THE SOFTWARE GUILD – Java Apprenticeship Program with more than 750 hours of hands-on developing experience. Mentored and instructed by industry professionals with an average of 15 years experience.

Object-oriented programming, debugging techniques, test driven development, common architecture patterns, data/class modeling, HTML/CSS/JavaScript, Bootstrap Framework, Version Control(Git)