

Oliver Peat

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Experience: **Hitachi Vantara** Denver, Colorado
Senior Software Engineer May 2017 – Present

- Starting with a blank whiteboard and empty IDE, designed and developed software that ingested data (of all formats) from physical devices, transformed that data into a common data format, and completed completely configurable filtering and basic analysis on this data, before sending it off into the cloud for storage and more complex analysis.

Raytheon Company Denver, Colorado
Software Engineer II, Senior Software Engineer April 2014 – May 2017

- Architected, Developed, and successfully deployed performance and health monitoring software from the ground up with Java, PostgreSQL, and Java FX that monitors and collects data on multiple machines simultaneously at NASA Goddard Space Flight Center.
- Fixed reported bugs, proposed and implemented additional features, and automated repetitive daily tasks for Command and Control software for four NASA satellites using C++, Java and Python.
- Developed a simulator program that generates valid, simulated satellite telemetry that can be used to test the main command and control software.
- Developed an automation tool which enhanced metric collection and generated reports, leading to improvement on sprint planning and retrospectives.

Raytheon Company Indianapolis, Indiana
Software Engineer I June 2012 – April 2014

- Designed database schema for MySQL database; programmed database connectivity using Java threads and JDBC.
- Designed and developed front end of software using Java Swing.
- Developed software and unit tests in a team environment using Java and the Spring Framework.
- Developed Sikuli scripts with the Python programming language to successfully automate the testing of graphical user interfaces.

Intel Corporation Folsom, California
Software Engineer Intern Summer 2011

I.B.I.S., Inc. Norcross, Georgia
Development Intern Summer & Winter 2010

Education: Georgia College & State University Milledgeville, Georgia
Bachelor of Science: Computer Science 2008-2012

Skills: Skilled Languages: Java, C++
Proficient Languages: Python, SQL, HTML, CSS, JavaScript, PHP
Databases: MySQL, PostgreSQL, H2, SQLite