

Oliver Peat

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Development Skills

Languages: Java, C/C++, Python

Databases: PostgreSQL, MySQL, H2, SQLite

Build: Git, Maven, Ant, ClearCase

OS: Windows (XP -> 10), Linux (Ubuntu, Red Hat Enterprise, CentOS)

Message Bus: RabbitMQ, ActiveMQ

Frameworks: Dropwizard Guice, Spring

Education

Georgia College & State University

Bachelor of Science: Computer Science

2008 – 2012 (Graduated)

Recent Independent Work

TellyHunt

(www.tellyhunt.com)

— Quickly search and find which provider has the movie or TV show you want to watch.

A Mazeing Tower Defense

(www.amazeingtowerdefense.com)

— A multi-platform tower defense video game.

Zabumba

(<https://www.zabumba.net>)

— Elegantly simple cash management tools for small businesses.

Senior Software Engineer

Hitachi Vantara (May 2017 – March 2018) Denver, CO

- Starting with a blank whiteboard and empty IDE, designed and developed software that ingested multiple data formats from physical devices and transformed this data into a common data format. The software then completed entirely configurable filtering and basic analysis on this ingested data, before sending it off into the cloud for storage and more complex analysis.
- Conducted interviews for Product Owners, QA, and Software Engineers (All levels).

Software Engineer II

Raytheon Company (March 2014 – May 2017) Denver, CO

- Developed and successfully deployed performance and health monitoring software, which monitored and collected data on multiple machines simultaneously. The tool warns the team when memory leaks are occurring, disk space is running out, and/or critical processes have died.
- Developed simulator program that generates valid, simulated satellite telemetry that can be used to test the main command and control software.
- Fixed reported bugs, proposed and implemented additional features, and automated repetitive daily tasks for Command and Control software for NASA satellites using C/C++, Java and Python.
- Developed tool that enhanced and automated metric collection and generated reports, leading to improvement on sprint planning and retrospectives.

Software Engineer I

Raytheon Company (June 2012 – March 2014) Indianapolis, IN

- Designed and developed front end of software using Java Swing that enabled Army instructors to teach students how to use anti-ballistic missile hardware and software.
- Designed database schema for MySQL database; programmed database connectivity using Java threads and JDBC.
- Developed Sikuli scripts with the Python programming language to successfully automate the testing of graphical user interfaces.

Software Engineer Intern

Intel Corporation (Summer 2011) Folsom, CA

Development Intern

I.B.I.S., Inc. (Summer & Winter 2010) Norcross, GA