

Leon-Hunter-Public-Portfolio

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Senior Cloud Native Application Developer

Junior Cloud DevOps Engineer

About

Contact Information

- **Phone:** (302) 312-4489
- **Email:** xleonhunter@gmail.com
- **Website:**
 - <https://curriculeon.github.io/Curriculeon/courses/new-content/>
- **LinkedIn:** <https://www.linkedin.com/in/leon-hunter-3230408b>
- **Github Organization Ownership**
 - <https://github.com/curriculeon>
 - <https://github.com/git-leon>

Education

- Delaware State University (2011 - 2015)
- Bachelor of Science (BS)
- Computer Science Major, Mathematics Minor

Summary

Experienced T-shaped Engineer and Technical Instructor with a demonstrated history of managing and up-skilling teams of Junior engineers. Highly skilled in Cloud Native Application Development using Java8, Spring, Mockito, and Angular cumulating more than [2500 total Git contributions in the past year](#). Knowledgeable in Cloud Dev Ops using unittest, JUnit5, Selenium, Docker, Kubernetes, Jenkins, and AWS. Strong information technology professional with a Bachelor of Science (BS) focused in Computer Science, Mathematics Minor from Delaware State University.

Personal Projects

Owner and Creator

Curriculeon: The Online Coding Curriculum

- Curriculeon is an online curriculum built in [RevealJs](#), [Jekyll](#), and [Github Pages](#), which offers free open-source learning content for the following topics:

- Java Web Development
- Command Line Scripting
- GitCli
- HTML/CSS/JS
- Python Scripting
- Cloud Computing & Cloud Infrastructure
- Development Operations - (DevOps)

Owner and Creator

Leonium.jar: A Selenium and ExtentReport Wrapper Library

- Leonium is an [uber jar](#) deployed on [packagecloud.io](#) that is used to automate Selenium build configuration and script development.
- The library includes an [embedded .jar](#) used for dynamically downloading driver binaries
 - This allows this framework to run `GeckoDriver`, `ChromeDriver`, `PhantomDriver`, `HtmlUnitDriver` without downloading any external dependencies
- The library also includes mechanisms for
 - enabling logging for each web-interaction
 - enabling reporting using [ExtentReports](#) for aggregating results
 - helper classes with built-in intelligent-waits

Owner and Creator

OpenCVL.jar: An OpenCV Wrapper With Haar Cascade Machine Learning

- OpenCVL is an [uber jar](#) deployed on [packagecloud.io](#) that is used to ease implementation of Object Detection Algorithm by leveraging OpenCV and HaarCascadeClassifiers.
- The library includes mechanisms for
 - a factory class for dynamically fetching haar cascade classifiers
 - face detection interface
 - default face detection implementation with CascadeClassifier dependency injection support
 - face detection builder class
 - face detection factory class

Owner and Creator

JFoot.jar: A Greenfoot Wrapper Library

- Jfoot is an [uber jar](#) deployed on [packagecloud.io](#) that is used to make Greenfoot applications with Maven.
- The library includes mechanisms for
 - converting greenfoot applications to maven applications
 - helper interfaces for building games
 - small gravity physics engine

Owner and Creator

ExceptionalFunctionalInterfaces.jar: A decoration of Java8 FunctionalInterfaces

- [Exceptional Functional Interfaces](#) is `.jar` deployed on [packagecloud.io](#) that is used to express code that explicitly throws an `Exception`, without ever explicitly handling it by deferring the `try/catch` to the respective `FunctionalInterface`'s static `tryInvoke` method.
 - With the advent of [Java 8 Lambdas](#) and [Method References](#), functional programming in java has become increasingly popular. Unfortunately, Java 8 does not account for creating lambda expressions which may throw an `Exception`. This shortcoming has caused a great deal of frustration when developing an exceptional-codebase which should be expressed functionally rather than with object orientation. This library aims to help remedy the deficiencies of exceptional expressions in Java 8 functional programming.
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Experience:

Remote Lead Technical Instructor

Per Scholas: Cloud DevOps Engineering Course

November 2020 – February 2021; Boston, MA.

- Remotely leading a group of 30 aspiring engineers through a Cloud DevOps environment.
- teaching the following topics through live-demonstrations to an audience of 25 in daily Zoom meetings:
 - GitOps, Git, Shell scripting, SQL / DBMS, TDD, Python Scripting
 - Cloud Infrastructure, Cloud Security
 - CI / CD, Nginx, Build Management
 - Deployment and Jenkins Pipeline
 - Docker and Kubernetes
 - AWS Terraform, AWS ECS, AWS EKS, AWS Lightsail, AWS EC2, AWS Cloud9

Remote Lead Technical Instructor

TalentPath: Full Stack Java Engineering Course

November 2020 – December 2020

- Using Git, Zoom, Slack to manage a group of developers through the development of Java Web-applications.
- Leveraged Curriculeon [curriculum lectures](#) and [curriculum exercises](#) to create an [adhoc curriculum](#) to launch learners into an immediately immersive development environment to enforce a deploy-on-day-1 culture.
- Learners receive morning lectures from the curriculum, then exercises from the curriculum to complement the lecture.

Remote Curriculum Developer

Per Scholas: Cloud DevOps Engineering

September 2020 – November 2020.

- As a remote curriculum developer, responsibilities included creating content for curriculums which extensively cover the following topics and more over a twelve to fourteen week period:
 - Cloud Security
 - Cloud DevOps

Delaware State University

January 2013 – May 2013; Dover, DE.

- Aided learners with completing programs developed in java.
- Assisted learners with conceptualizing and understanding programming logic.

Project maintained by **Git-Leon**