

# Leon-Hunter-Public-Portfolio

View the Project on [GitHub](https://github.com/) at <https://github.com/>

Click [here](#) to download the most recent .pdf

## Senior Cloud Native Application Developer

## Junior Cloud DevOps Engineer

### About

#### Contact Information

- **Phone:** (302) 312-4489
- **Email:** [xleonhunter@gmail.com](mailto: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.

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### 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



## ExceptionalFunctionalInterfaces.jar: A decoration of Java8 FunctionalInterfaces

- Exceptional Functional Interfaces is `.jar` deployed on [packagecloud.io](https://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:

### Senior Technical Instructor

**ZipCodeWilmington; Wilmington, DE.**

**May 2021 - Present**

- Deliverables include, but are not limited to, the following:
  - Support and lead instructor-led training that prepares students for entry-level careers as a Software Engineers/Developers or as Data Engineers
  - Demonstrate and provide experience with
    - Database management systems, SQL commands, functions, joins, subqueries, and other advanced SQL concepts
    - Full Stack Development with Java8+, JDBC, NodeJS, ReactJS, AngularJS, ExpressJS, JPA, Spring MVC, Spring Boot and the like
    - Object-oriented programming, algorithms and data structures
  - Review and debug software code
  - Maintain and update the company's internal LMS with student grades, lab results, testing scores and progress notes
  - Support and maintain the training curricula, syllabi, lesson plans, and any other classroom materials
  - Write content and curriculum related to instructional outcomes, as needed
  - Communicate complex engineering concepts and explain them in an engaging way, as needed

### Techpreneur Incubator Lead

**ZipCodeWilmington: Techpreneur Incubator Course**

**March 2021 - May 2021; Wilmington, DE.**

- Deliverables include, but are not limited to, the following:
  - weekly meetings with techpreneur consultants
  - identification of resources to assist techpreneur consultants with technical development of their products
  - advice, analysis, feedback, and assistance with product development









- Interfaced MatLAB with LabVIEW software.

## Operations Leadership Intern

### Discover Financial

June 2015 – August 2015; New Castle, DE.

- Implemented BEST QCAS Access Database.
- Manual web tester and bug reporter.
- Implemented Microsoft Word and Excel macros using VBA to partially automate test reporting.

## Programming Tutor

### Delaware State University

January 2015 – May 2015; Dover, DE.

- Aided learners with completing projects developed in python & java.
- Assisted with understanding of programming logic.

## Undergraduate Researcher

### National Science Foundation (NSF)

May 2013 – May 2014; Dover, DE.

- The objective of this research was to develop a system that would aid in the prevention of catastrophic medical events through persistent intelligent monitoring and early-warning alerting.
- Created interactive electronics using Arduino open-source prototyping platform.
- Coded in C++ to manipulate Arduino microcontroller and eHealth sensor shield.
- [Presented research](#) for 2014 Science and Math Investigative Learning Experiences Program (SMILE) Undergraduate Summer Research Symposium.
- Presented at 2014 ERN (Emerging Researchers National) conference.

## Programming Tutor

### 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.