

CALEB DRUCKEMILLER

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SKILLS & ABILITIES

- Fluent in many object-oriented programming languages including: Java, Kotlin, and Python
 - Experience with SpringBoot, SpringMVC, Flask, Javelin, Django
- Fluent in client-side programming with JavaScript ES6, ReactJS, and TypeScript
- Experience using various IDE's from JetBrains and VSCode.
- Mastery of Canvas LMS and MS Tools for Educational purposes
- Experience working on database architectures with tools such as: PostgreSQL, MongoDB and IBM DB2
- Thesis work in Context Aware DSL creation for automated software testing

EXPERIENCE

- **RESEARCH ASSISTANT** HARRISBURG UNIVERSITY SEPTEMBER 2020 - PRESENT
 - Software Developer on ICWATER software overhaul for Susquehanna River Basin Commission
 - Consult of product design and framework viability
 - Somewhat of a Project Manager for the whole lifecycle of the software
- **CORPORATE FACULTY** HARRISBURG UNIVERSITY NOVEMBER 2019 - PRESENT
 - Developing new source course and curriculum content for CISC 504 & CISC 610 (both programming courses)
 - Instructing classes on the subjects of computer programming, data storage paradigms, and scientific computing methods
- **SOFTWARE ENGINEER** VERSATILE CREDIT JANUARY 2019 – NOVEMBER 2019
 - Develop and maintain kiosk software (Java 8)
 - Develop SPA e-commerce app (ReactJS, Project Lead).
 - Develop SpringBoot restful service backend for ecommerce app (Java 11)
- **JAVA/JUNIT Developer** COMPUTER AID AUGUST 2018 – DECEMBER 2018
 - Creating Junit tests using Junit 4 Framework for maximizing unit test line coverage (Java 5-8)
 - Using Mockito API to assist in unit test creation
 - Writing Java programs to augment testing to maximum coverage
- **PRODUCTION CONTROL ANALYST** BENECARD PBF JULY 2017 – AUGUST 2018
 - Create and maintain production jobs in a production environment using a Linux system
 - Maintain automated production jobs using CRON and other scheduling tools
 - Develop Ad Hoc reports using various scripting languages (bash, perl, python)
 - Track various company metrics for sustainability tracking and company growth
 - Develop request-oriented web pages for internal business requests.

EDUCATION

HARRISBURG UNIVERSITY OF SCIENCE AND TECHNOLOGY

- PhD of Computer Science graduation pending for 2023 Dissertation in Parallel Combinatorial Search
- Master of Science in Computer Science graduated 2020 Thesis in Context Aware Data Generation via DSL
- Bachelor of Science in Computer Science graduated 2018

REFERENCES

- Majid Shaalan – Director of Computer Science PhD Program, Harrisburg University, 720-401-5100 mshaalan@harrisburgu.edu
- Matt Burton – Computer Aid Inc., 615 – 796 - 6288
- Syed Muhammad Jafri - 716-844-9268 - mohammadjafri1992@gmail.com