

Paul Matthews

Director of Technical Training

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Summary

An accomplished technologist, programmer, curriculum developer, and educator. Passionate about solving any problems related to technology or technology education. Looking to continue deepening my existing technical skills and use those experiences as a way to continue empowering fellow technologists.

SKILLS

Programming (Python/Flask/Fast API, Java/Spring, Node, Component Based JavaScript Frameworks, Rust, C#, Best Practices)

Operations (Linux, Cloud Computing both AWS and Azure, CI/CD, Docker, Scripting, Bash, Powershell)

Education (Curriculum design and development, instruction of classes of all sizes, course staff management, student success mentoring, strong written and verbal communication skills)

Project Management (Project research, project scoping, timeline management, Agile preference)

PROFESSIONAL EXPERIENCE

LaunchCode, St. Louis, MO - *Various titles*

Director of Technical Training (November 2018 - PRESENT)

- [GIS DevOps](#): 13 week full-time program introducing DevOps and various GIS tooling. Program designed and run for the [National Geospatial Intelligence Agency](#). Also served as the instructor for 5 cohorts of over 50 students.
- [Microsoft Azure](#): 3 week full-time program introducing REST, Bash & Powershell scripting, introduces various Azure cloud services, and basic ops-level troubleshooting. Program designed for [Microsoft](#).
- CodeCamp Instructor: Taught the pre-existing [Introduction to Web Development](#) & [Java Web Development](#) courses over 15 weeks

full-time. All 31 students passed and were able to effectively work as entry level developers. Program performed for Comcast.

- General DevOps Modules: work in progress, collection of DevOps topics of interest to LaunchCode partner companies and to be delivered to general LaunchCode learners. Currently designing with Boeing and World Wide Technology.

Education Program Developer (April 2018 - November 2018))

- Liftoff: Designed, built and taught an 8 week part-time program preparing students for technical interviews and continuing their technical education journey's. Program built and run for all LaunchCode general learner's.

Candidate Engagement Manager (May 2015 - April 2018)

- Conducted over 100 LaunchCode interviews to determine candidate readiness for an apprenticeship at partner companies.
- Redesigned candidate evaluation including interview script.
- Established the process of candidate coaching, eventually resulted in the Liftoff program listed above.
- LC101 Instructor: 20 week part-time introduction to programming. Curriculum similar to CodeCamp listed above, but focusing on Python/Flask.

Missouri Office of Administration, Jefferson City, MO - Web Developer

May 2011 - September 2012

- Maintained and expanded features for the TRIPS web application used by the Department of Revenue. Tech stack: Java, Struts, J2EE, IBM DB2
- Additional smaller projects completed with ASP.NET, C#.NET and Excel.

EDUCATION

University of Missouri St. Louis - *B.A. Psychology 2015*

Linn State Technical College - *A.A.S Computer Programming 2011*

- School name changed to State Technical College of Missouri

PERSONAL CODING PROJECTS

- Expense Manager & Dashboard: Python/FAST API, React, D3, Bash, PSQL
- GIS DevOps Final Project: Java/Spring, PSQL, Elasticsearch, HTML/CSS/JS
- Expense Tracker: Rust/Rocket, Diesel, Tera Templates, MySQL

Thanks for your consideration! For more information please reach out to me by email paul@paulmatthews.dev.