Paul Matthews

Director of Technical Training

paul@paulmatthews.dev - paulmatthews.dev - github.com/pdmxdd

SUMMARY

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

SKILLS

Programming (Python/Flask/FastAPI, 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 various sizes, course staff management, student success mentoring, strong written and verbal communication skills)

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

PROFESSIONAL EXPERIENCE

LaunchCode, St. Louis, MO - *Various titles*
Director of Technical Training (~November 2018 - PRESENT)
- General DevOps Modules: work in progress, collection of DevOps topics of interest to LaunchCode partner companies and to be delivered to general LaunchCode learners. The Linux module is in the pilot stage. Currently designing additional modules with Boeing and World Wide Technology**.**
- 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.
- 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. Designed and wrote the curriculum.

- **GIS DevOps**: 13 week full-time program introducing DevOps and various GIS tooling. Program designed and run for the National Geospatial-Intelligence Agency. Rewrote the majority of the curriculum (walkthroughs, studios, projects) and taught the class 5 times.

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 journeys. Program built and run for all LaunchCode general learners.

Candidate Engagement Manager (May 2015 - ~April 2018)

- Conducted over 1000 LaunchCode interviews to determine candidate readiness for an apprenticeship at partner companies.
- Redesigned the candidate evaluation process.
- 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 State 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 (State Technical College of Missouri)- *A.A.S Computer Programming 2011*

CODING PROJECTS

- Explore Blog (repo): Hugo, Markdown, HTML/CSS, JS, Caddy, DigitalOcean
- Random Data Generator (api-repo, generator-repo): Python, FastAPI, Caddy
- Baseball Automation: web-scraping, bash, sed, awk, grep, curl
- Expense Tracker: Rust/Rocket, Diesel, Tera Templates, MySQL
- GIS DevOps Final Project: Java/Spring, PSQL, Elasticsearch, HTML/CSS/JS

Thanks for your consideration! For more information please reach out to me by email paul@paulmatthews.dev or checkout the resume on my personal website.