

Dwight Abrahams

SOFTWARE | HEALTHCARE OPERATIONS | WORKFORCE TRAINING

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Software developer with experience in healthcare operations, workforce training, and software quality. Combines practical knowledge of medical documentation, operational readiness, and enterprise-system adoption with programming, testing, and technical documentation.

SELECTED EXPERIENCE

Healthcare operations and medical training - U.S. Army

Provided medical care and maintained patient documentation in clinical and field settings. Supported readiness, response planning, personnel, and equipment; delivered medical training and mentorship.

Workforce training and system adoption - QTC Management Inc.

Delivered onboarding, medical-records, quality, compliance, and enterprise-system training. Supported releases through user acceptance testing, defect reporting, workflow analysis, and post-release training.

Backend software development - Lyft

Refactored Python backend components into modular designs. Applied unit testing and test-driven development, documented architecture with UML, and contributed to code reviews and continuous-integration work.

Training operations - Caregiver Inc.

Used Relias LMS and reporting tools to monitor training progress and compliance. Standardized procedures and checklists; prepared completion, time-to-compliance, and retraining reports.

SELECTED COURSEWORK PROJECTS

Supportive Conversation Assistant - CSC525

Non-clinical Python NLP prototype combining data preparation, TF-IDF/logistic-regression sentiment classification, and curated response retrieval.

Large-File Processing and Concurrency - CSC507

Compared sequential, threaded, and chunk-based Python processing. Examined reported runtimes and the limits of combined parallel-performance estimates.

Face Detection and Redaction - CSC515

OpenCV/Haar-cascade image-processing pipeline with regional blur and an analysis of false detections and redaction limitations.

TECHNICAL FOUNDATION

Python, Java, JavaScript, SQL, Spring Boot, Git, Linux, Azure virtual servers, scikit-learn, OpenCV, testing, debugging, and technical documentation. Computer science coursework and software projects at the University of Texas at San Antonio; CSC coursework at Colorado State University Global.