DUSTIN FAY

SERVERLESS DATA ENGINEER / SOFTWARE DEVELOPER

PROFILE

Name
Dustin Fay

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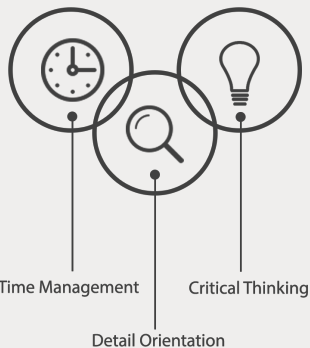
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PROFESSIONAL STATEMENT

Time Management   Critical Thinking

Detail Orientation

EXPERIENCE

3/19 - Present **Turnberry Solutions**
Serverless Engineer
Creation and deployment of a secure and privacy-centric serverless application, architecture, and associated framework designed to reduce cloud vendor lock-in. Deployed on AWS infrastructure.
- Primary tools: Python, AWS Lambda, RDS, ECS, and S3.
- Other related technologies: Terraform, GitHub, Sentry

8/17 – 3/19 **Digital First Media / MediaNews Group**
Data Engineer
Development, maintenance, and monitoring data warehouse and related processes. Requirements gathering, data modelling, and building pipelines connecting 3rd party data sources to DWH.
- Primary tools: Python, Airflow, Redshift, EC2, and S3.
- Other related technologies: Vagrant, Ansible, Sentry, DataDog, New Relic, git, and GitHub.

5/17 – 8/17 **Charter Communications**
Test Automation Engineer
Development and maintenance of automated regression tests in Groovy and Java for continuous testing of Charter's platforms and services.
- Technologies: Maven (build automation), Nexus (repository management), Surefire and TestNG (testing frameworks), Perforce (version control), and Team City (build management and continuous integration).

TECHNICAL SKILLS

Python	Data Warehousing / ETL
Java	SQL/Redshift
EC2 /S3/RDS	Serverless/Lambda
HTML5/CSS/JS	UNIX/Linux

RECENT PROJECTS

Trade Automation & Dashboards
Under active development since Sept 2017

Develop and maintain crypto-centric trading algorithms in a domain-specific language. Extract real-time alert data and execute trades using serverless technologies,

Command Line API Tools
October 2018

Various command line tools to automate development and ops related processes by interacting with REST API services and python libraries.

EDUCATION

2014 - 2017 **Computer Science and Mathematics**
Metropolitan State University of Denver

2007 – 2010 **Mechanical Engineering**
Colorado State University