DUSTIN FAY

SOFTWARE ENGINEER

PROFILE

Name
Dustin Fay

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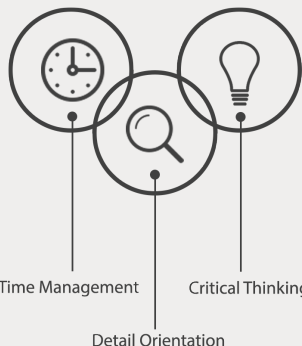
Web

- linkedin.com/in/dustinfay
- github.com/d-fay
  github.com/taky2

PROFESSIONAL STATEMENT

Software Engineer with a B.S. in Computer Science. Interested in machine learning, distributed computing, and blockchain technologies. Detail oriented, hardworking, and analytical. Proficient at maintaining computer systems and software. Skilled at communicating technical details.

OBJECTIVE:

Seeking a challenging position in a progressive environment.

Time Management   Critical Thinking

Detail Orientation

EXPERIENCE

3/19 - Present

Comcast *via Turnberry Solutions*
Serverless Software Engineer (Cloud/Backend)
Engineering a scalable application and architecture designed to comply with new and emerging data privacy laws. Built and deployed on AWS using the Serverless Framework. Written in Python.
  - Primary tools: Lambda, ECS, SQS, SNS, Kinesis, S3, RDS, Serverless Framework, Terraform, GitHub, GoCD (CI/CD),

8/17 – 3/19

MediaNews Group
Data Engineer
Development, maintenance, and monitoring of Redshift data warehouse. Building out Airflow oriented ETL pipelines to ingest, process, and store millions of rows of normalized data at regular time intervals. Gather and interpret customer requirements to design data models and views.
  - Primary tools: Python, Airflow, Redshift, EC2, and S3, Vagrant, Ansible, Sentry, DataDog, New Relic.

5/17 – 8/17

Charter Communications
Test Automation Engineer
Build and maintain automated regression tests in Groovy and Java for continuous testing of Charter's platforms and services.
  - Primary tools: Maven (build automation), Nexus (repository management), Surefire and TestNG (testing frameworks), Perforce (version control), and Team City (CI/CD).

TECHNICAL SKILLS

Python	SQL/Redshift/Postgres
Java	Data Warehousing / ETL
AWS	Terraform/Serverless
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