DUSTIN FAY

SOFTWARE ENGINEER

PROFILE

Name
Dustin Fay

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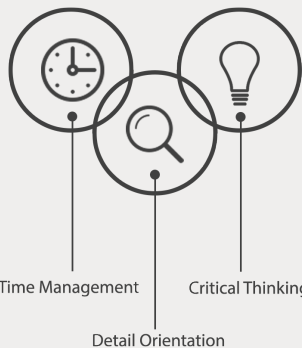
Web
in linkedin.com/in/dustinfay
github.com/d-fay
github.com/taky2

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

Market Indicators & Serverless Alerts
Under active development since Sept 2017

Develop and maintain trading algorithms and chart indicators in a domain-specific language. Extract alert data from incoming emails and execute trades with lambdas.

Command Line API Tools
Multiple projects since Oct 2018

Command line tools implemented in Bash or Click (Python) to assist with automating tedious development and deployment operations.

EDUCATION

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

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