

# DUSTIN FAY

SERVERLESS DATA ENGINEER / SOFTWARE DEVELOPER

## PROFILE

### Name

Dustin Fay

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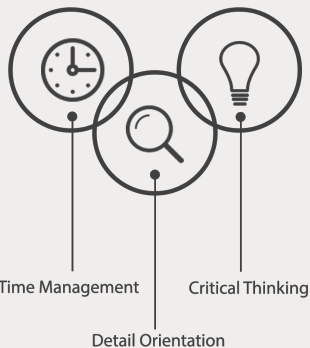
 [github.com/d-fay](https://github.com/d-fay)  
[github.com/taky2](https://github.com/taky2)

## 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.



## 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 3<sup>rd</sup> 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), Performer (version control), and Team City (build management and continuous integration).

## TECHNICAL SKILLS

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

## 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