TIMOTHY DUNCAN

Python Developer

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TD

SUMMARY

Python developer with 8 years of experience in finance and fintech. Well-acquainted with database engineering, data warehouses, and data processing. Knowledgeable in Python frameworks related to data such as SciPy, NumPy, Matplotlib. Cloudera certified Data analyst, PCPP-1 certification and Spark/Hadoop developer certification.

EDUCATION

B.S. Software Engineering

University of California, San Fransisco

📅 2008 - 2012   📍 San Francisco, CA

GPA
3.8 / 4.0

EXPERIENCE

Python Developer

Revolut

📅 2015 - 2018   📍 San Francisco, CA

Revolut is a financial technology company that offers banking services. We offer accounts featuring currency exchange, debit cards, virtual cards, and vaults.

- Collaborated with Web Application Engineers, used Python scripts to load the data into AWS Cloud Cassandra database
- Visualised over 40 datasets with Matplotlib
- Involved in processing the streaming data as well as batch data using Apache Spark
- Delivering projects with 1-2 days turn around time or even within hours

Python Developer

Bank of America

📅 2012 - 2015   📍 San Francisco, CA

Lauzon is a finance firm based out of San Fransisco, CA. They cater to over 30 local businesses and startups by providing custom finance software.

- Developed internal tools for text mining (sentimental analysis), and web crawler for collecting data by Python and SQL
- Used AWS Elastic Beanstalk service for deploying and scaling web applications and services developed with Java, Python
- Developed shell scripting and Python programs to automate the data flow on day-to-day tasks
- Analyzed the SQL scripts and designed the solution to Developed a custom ETL pipeline by using Python

Junior Python Developer

Streich

📅 2018 - Present   📍 San Francisco, CA

Lauzon is a finance firm based out of San Fransisco, CA. They cater to many local businesses and startups by providing custom finance software.

- Made over 800 insertions and 150 deletions to 4 central Firmware repositories in less than 3 months
- Participated in more than 4 projects per year from initial research and conceptual design through testing and implementation phases
- Developed data quality portal using Python scripting, increasing data quality by 30%
- Communicated and coordinated with the project manager and coworkers to resolve 30+ build breaks a month

SKILLS

Programming

Python   SciPy   NumPy   Matplotlib

Django   Flask   SQL   Java

Databases & Servers

AWS   Django ORM   MySQL   ETL

Cassandra   MongoDB   Hadoop

Spark

Development

GIT   SVN   PyCharm

STRENGTHS

🕐 **Time management**
Prioritizes essential tasks so they are not rushed. Sets deadlines that ensure reaching milestones on time.

⚙ **Adaptability**
I remember that change is not personal and is inevitable. I break my projects into multiple parts so that if something goes wrong, I can quickly fix it.

🧠 **Accountability**
I take ownership of my mistakes. By doing that I learn what I did wrong so that it does not happen again.

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