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Data Engineer

M. Sc. Data Science, M. Sc. Software Engineering

SKILLS

Tools	SQL, Python, Unix shell, Git, GitHub, Tableau, Docker, Kubernetes
Data Engineering	Data modeling, Data pipelines, ETL, Data Warehousing, Machine Learning, Data Viz
Big Data	Distributed computing frameworks Apache Spark, Apache Kafka
DevOps - MLOps	CI/CD pipelines, Container deployment, Microservices, Agile (SCRUM), Unit testing, APIs
Cloud	AWS e.g. IAM, EC2, Glue, S3, ECR, ECS, EventBridge	GCP e.g. GKE, BigQuery

EXPERIENCE

Data Engineer   **10.2022 — Present**
Credit Suisse through Coforge   *Lausanne, Switzerland*

- Implemented/maintained data pipelines from Data Lake to cloud-based platform Palantir Foundry and Apache Hive
- Contributed to the development of the internal Python ETL tool, provided Level 3 data engineering support
- Worked in an agile and collaborative environment with stack Jira, Git and Bitbucket

Data Engineer   **04.2021 — 07.2022**
Logitech   *Lausanne, Switzerland*

- *Voice of Customer* project: Built an ETL workflow (vendor API → Snowflake) to integrate Logitech's online store customer reviews in the data warehouse, re-deployed project with Docker and Kubernetes in DEV/UAT/PROD environments for safety and maintainability, increased pool of analysed reviews by implementing language identification, updated Tableau dashboard and Snowflake data sources with sustainability data
- Implemented a CI/CD deployment pipeline for Logitech's data science models, orchestrating Docker container runs on AWS cloud
- Built time series data pipelines to feed CX forecasting models downstream
- Participated in technical recruitment interviews, hosted knowledge-sharing sessions on technologies like Docker, GitHub Actions

Data Engineer   **06.2019 — 03.2021**
Crédit Mutuel Leasing   *Paris, France*

- Developed the internal forecasting model for the car business (prediction of residual value at end of contract), leading to more competitive pricing and cost reductions by discontinuing the subscription to external forecasts
- Developed data pipelines to centralize business introducers data and feed a rating model downstream
- Co-led the internal data community to vulgarize data engineering and share best practices

Math Teacher   **01.2014 — 03.2019**
High school/Self-employed   *France/Vietnam*

Software Engineering Intern   **02.2013 — 08.2013**
Hardis   *Nantes, France*

- Designed and developed the Android blood sugar tracker app ©MobiDiab using a SCRUM agile framework

EDUCATION

Master in Statistics & Data Science, *Paris Institute of Statistics, Sorbonne University*	2019 — 2020
Master in Software Engineering, *Institut Mines-Télécom, France*	2008 — 2013

LANGUAGES

French	Native speaker
English	Full professional proficiency — TOEIC: 990/990

REFERENCES

Mathieu Bolletta	Head of Data Engineering at Credit Suisse
Denis Zuba	Head of Data Science & Advanced Analytics at Logitech
Paul Coudret	Head of Data Engineering & Analytics at Crédit Mutuel Leasing