Aymeric CREUSOT
Data Engineer / Developer Back-End

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Experience

Data Engineer – Developer Back-end, Mobsuccess, AdTech (Paris)   **April 2021 - Present**
- Automated population estimation by leveraging **Apache Sedona** to analyze **geospatial** targeting areas for digital advertising
- Led the migration of daily data workflows to **events schedule** workflow allowing real time ingestion using **Airflow** and **Iceberg**.
- Designed and implemented **PyAirbyte pipeline**s in order to load data from various external API (Google, TitTok …) in a AWS Architecture using **AWS EMR**, **RDS** and **MWAA** (Airflow).
- Implementation of a **vector database** to centralise all creative assets and enable different internal teams to perform **multimodal searches** with **OpenSearch**.
- Deployment internal **python package** on **AWS CodeArtifact** in order to interact with API's according to internal need.

Full-Stack Developer, Canton-Consulting, Fintech, Internship (Paris)   **Sept 2019 – Sept 2020**
- Implementation and integration of a **LDAP** used as authentication on different projects. (Python, JS)
- Development new features on a web reporting Dashboard with python **Flask** and **Dash**
- Implementation of **Shell scripts** in order to perform **Continuous Integration and Deployment** of a Flask application

Full Stack Developer – Data Analyst, T&E Vision, Internship (Carrières-Sur-Seine)   **April 2019 – Aug 2020**
- Data Exploration and processing with Python (Pandas, Numpy, Plotly)
- Creation a Web Interface using HTML, CSS, JS with a User authentication in PHP.
- Deployment the application on a virtual machine on OVH. Handle domain name and server connection.

Education

CY-Tech (ex : Ecole Internationale des sciences de traitements de l'information)   **2015 - 2020**
Master of Science in applied mathematics engineering

French: Native, **English**: Professional

Computer Science Skills

- **Developer knowledge:** Version control (Git), REST API development, Testing and Debugging, Performance and Optimization, Collaborations Tools
- **Python Developer Knowledge**: Standard Library, Object-oriented programming, Package management, Data Manipulation, Web Development, Database management
- **Devops Development**: Infrastructure Automation, Containerization and Orchestration, Continuous Integration and Deployment (CI/CD)