

Antoine Daurat

<https://github.com/antoinedaurat/>

35, French, living in Berlin since 2006

Autodidact Developer with an artistic background and 2 years professional experiences looking for an inspiring team to be part of

EXPERIENCE

Co-Founder, Lead Developer — KTONAL, Berlin

September 2020

- Implemented **audio generative models** in Pytorch for musicians to gain access to deep-learning technologies.

Data Scientist / Backend Developer — Pricewaterhouse Coopers, Berlin

February 2019 – July 2020

- Implemented a **text-classification microservice** in Python (Flask) for accounting documents in German.
- Worked on every aspect of the **Java backend** of a data-visualization web-application.
- Refactored a **ML/NLP microservice**, which performed various predictive tasks on Financial Statements.

Composer – Conductor — Freelance, Berlin

October 2014 – September 2018

- Programmed **music-composing algorithms** (in scheme) and live **audio effects** (Max-MSP) for my own compositions.
- Composition of **instrumental and electronic music pieces** for various ensemble, festivals.
- Performed in and conducted repetitions for **music theater productions**.

EDUCATION

Self-Study, Berlin

Since October 2018

- Studied Mathematics, Computer Science, Machine Learning, NLP and Signal Processing on my own through online-courses, textbooks and research papers.

Hochschule für Musik Hanns Eisler, Berlin

September 2007 – September 2014

- **Master** Degree in Instrumental Composition and Electronic Music

CONTACT

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SKILLS

Analytical thinker who yearns for hard problems demanding creative solutions.

Excellent team player who loves to collaborate and can assume leadership whenever required.

Quick learner, very fast at articulating and integrating new contexts and new information.

TECH STACK

Advanced / Expert with :

Python ML-ecosystem :
Pytorch, Numpy, h5py, Scikit-Learn, NLTK

Web-Frameworks :
Flask, Spring, Selenium, Dredd

OS and DevOps :
Docker, GIT, Linux, Gitlab

I have experience working with :
CI-CD, Scrum, Kanban

LANGUAGES

C2 in German and English
Native Language : French