

Benjamin Crouzier

1, rue Etienne Dolet
42300 Roanne
+33 6 26 92 84 71
b.crouzier@gmail.com
[Website](#), [LinkedIn](#),
[GitHub](#), [StackOverflow](#)

WORK EXPERIENCE

Tufa.ai, Roanne — Founder and chief engineer

JUNE 2018 - PRESENT

Applying deep learning to cryptocurrency trading. Scraping OHLC, trades and orderbook data from exchanges. Storing and aggregating in postgres (in the order of 1B trades) and files. Design and implementation of deep learning training pipelines with Pytorch: data loader, loss, model architecture, training, hyperparameter optimization, deployment.

Self-learning, Paris

AUGUST 2017 - JUNE 2018

Learning on my own about probability theory, deep learning and probabilistic programming.

JobTeaser, Paris — Rails/Javascript/PostgreSQL developer

MARCH 2015 - AUGUST 2017

Lead developer of the data team. Main contributions: migration/cleaning of legacy data, setup of AWS and Redshift, setup of ETL processes, development of analytics dashboards with ReactJS and Highcharts.

FollowAnalytics, Paris — Web/Rails developer

NOVEMBER 2013 - NOVEMBER 2014

Backend and Frontend development of the analytics platform. Main contributions: migrating the data backend from MongoDB to Amazon Redshift, automation with jenkins, moving the frontend from the Rails to Angular/Grunt/Bower/Node.

EDUCATION

Epitech, Lyon and Paris — Master's Degree in computer science

SEPTEMBER 2008 - SEPTEMBER 2013

Scholar year 2011-2012: machine learning and neuroscience curriculum at the University of Essex in England.

SKILLS

Languages: Python, Ruby, Javascript/ES6, SQL, HTML/CSS/LESS/SCSS, C, Java, Clojure

Frameworks/libs: PyTorch, CUDA, Numpy, Pandas, JupyterLab, Matplotlib, Flask, Rails, ReactJS, NodeJS

Tools: AWS, Jenkins, Heroku, CircleCI, AWS S3, AWS Lambda, AWS Redshift, RubyMine/Pycharms

SIDE PROJECTS

[HTK#47](#) : 5 meters tall kapla coliseum that destroys itself

[.ftg](#) : Time tracking based on git branches

[Keybest](#) : Definition of a custom keyboard and modifiers keys layout. I use it as my daily keyboard

[Caesar3 speedrun](#): Word-record caesar3 speedrun of 1h 12m, down from the previous time of 2h 21m

LANGUAGES

French (native) and English