Maxence Lecanu

Software Architect / Tech Lead

Contact Informations

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Skills & Aptitudes

Software architecture

Lean/Agile development

Autonomousness

Rigor

Interpersonal skills

Quality Craftmanship

Languages

French - Native

English - Proficient

German - Conversational

Hobbies

Guitar (in a band)

Basketball (competitions)

Work Experience

Fullstack developper - Theodo   Since November 2019
Paris, France

- **gangz.io**
  - Complete overhaul of the website
  - Orchestration of large backend architecture improvements to a legacy codebase

- **Atempo**
  - Overhaul of a web client
  - Facilitate the monitoring of its database and automate VMS backups

- **Bpifrance - BEL Reloaded**

Data science intern - Société Générale   May 2019 - October 2019
End-of-studies internship in Puteaux, France

- **Development of a forecast model**
  - Conception of a machine learning model
  - Benchmark of multiple algorithms and selection based on their performance
  - Feature engineering for incorporating news data
  - Developed the model to successful and accurately forecast the hourly count of money transferred across the foreign exchange market

Entrepreneurship project - Opiwatch   December 2018 - June 2019
Palaiseau, France

- **Development of a POC**
  - Developed a client to monitor electrocardiograms in real-time
  - Implemented a feature that would successfully detect early-onset heart attacks
  - Awarded first prize at the Journée Entrepreunariat étudiant at the Paris-Saclay University

Project for the French police   September 2017 - April 2019
Palaiseau, France

- **Development of a POC**
  - Developed a data science project for the French Police Force to help forecast high-frequency accident zones as a function of the time of day

University of Toronto - Department of computer science   May 2018 - August 2018
Research intern in Toronto, Canada

- **Development of an algorithm**
  - Development of an algorithm for detecting local communities on twitter
  - Definition of a mathematical model for describing such communities

Education

2016 - 2019	**ENSTA ParisTech** - MSc in Artificial Intelligence *Ecole Nationale Supérieure des Techniques Avancées*
2014 - 2016	**Preparatory classes for national competitive exams in order to access top engineering schools** - Mathematics *Lycée Pasteur de Neuilly-sur-Seine*