Manar Toumi

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EDUCATION

- **Telecom ParisTech** — Paris, France
  Master of Engineering — *Sep. 2015 – Aug. 2018*
    - **Major**: Statistical Machine Learning: Statistics, Machine Learning, Databases.
    - **Minor**: Theoretical Computer Science and Algorithmics: Combinatorics, Computability, Optimization and Complexity Theory

- **Classes Prparatoire aux Grandes Ecoles** — Meknes, Morocco
  preparatory classes : Maths and Physics — *Sep. 2013 – July. 2015*

EXPERIENCE

- **ERCOM - Analytics** — Velizy-Villacoublay,
  Data Scientist Internship — *Mars 2018 - Aug 2018*
    - **Interpretability**: Research on the state of the art methods to achieve interpretability in machine learning. Implementing and assessing model agnostic interpretability methods on various models, building interpretable and precise models
    - **Application**: Specific application for anomaly detection (Fraud)

- **SoftLaw** — Paris, France
  Third year project — *Oct 2018 - Feb 2018*
    - **The application**: Researching Incremental machine learning algorithms for natural language processing.

- **New Takahashi Hotel** — Tokyo, Japan
  Language and culture internship — *Summer 2016*
    - **Goals**: Working with an all Japanese staff in order to improve language and cross-cultural skills. Learning the Japanese work ethic

- **Telecom Etude** — Atlanta, CA
  Project Manager — *Avr 2016 - Mai 2017*
    - **Junior Entreprise**: student-run IT Services and Software Engineering Consulting Firm.
    - **Role**: Part of the IT team, responsible for the maintenance of the intranet.

PROJECTS

- **Graph centrality**: Graph centrality algorithms and its application for social networks.
- **CatchMyMusic**: An Android app for sharing and discovering music using geolocalisation and a recommender system.

SKILLS

- **Technologies**: Python (sickit-learn, xgboost, TensorFlow, Keras), C++, C, SQL, Java

- **Languages**: Fluent in English, French and Arabic. Basic Japanese

- **Personal skills**: Public speaking, good team player

MISCELLANEOUS

- **Public speaking**: Member of Telecom ParisTech's debate team, member of the English theater cast

- **Sports**: Football, Basketball