

# Yohan Chalier

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## Education

- 2018–2019 **Master's degree *Data & Knowledge***, *Télécom ParisTech and Paris-Saclay University*, Paris, France.  
Web data management, knowledge & semantics, big data, and data analytics from a semantic point of view.  
Use of Scikit-learn, Apache Hadoop, Apache Spark, Oracle SQL, MongoDB, Apache Pig, SPARQL, Protégé.
- 2016–2019 **Engineering degree**, *Télécom ParisTech*, Paris, France.  
Specialized in data science and cybersecurity.  
Télécom ParisTech is one of the most prestigious and selective engineering schools in France.
- 2013–2016 **Preparatory class MPSI/MP**, *Lycée Blaise Pascal*, Clermont-Ferrand, France.

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## Experience

- Spring 2019 **Six-months internship**, *Max-Planck Institute for Informatics*, Saarbrücken, Germany.  
Member of the D5 Databases and Information Systems department, under the supervision of Gerhard Weikum and Simon Razniewski:
  - commonsense knowledge harvesting from the Web via information extraction,
  - conception of a taxonomy for general concepts,
  - commonsense facts saliency ranking using soft reasoning.
- Spring 2018 **Freelance mission**, *Detaen Consulting*, Paris, France.  
Front-end of a temporary corporate website for Detaen Consulting, via the Télécom ParisTech Junior Enterprise.
- Spring 2018 **Case study in *machine learning***, for Bearing Point, *Télécom ParisTech*, Paris, France.  
Construction of a prediction model to foresee returns for a shoe company:
  - data cleaning and model construction using Pandas (Python),
  - model tuning and evaluation using Scikit-learn (Python),
  - prediction and analysis of performances.
- Summer 2017 **One-month internship**, *Deloitte Foundation*, Neuilly-sur-Seine, France.  
Deloitte Foundation annual prize's website overhaul:
  - fullstack Web development using *Django* framework,
  - teamwork and communication within a large structure,
  - entrepreneurs personalized coaching at the *HEC Summer Camp Stand Up 2017*.
- July 2017 **Challenge IMT**, *IMT Lille Douai*, Lille, France.  
Business plan of an Ethereum-based secure file exchange platform *3D-Security*, in 48h.
- 2016-2018 **School projects**, *Télécom ParisTech*, Paris, France.  
Many development projects I worked on as part of my course, on machine learning, cybersecurity and others.  
Complete list available at <https://yohan.chalier.fr/projects/>.

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## Skills

- Languages **French** Mother tongue  
**English** C1 Fluent (*627/677 TOEFL ITP 2018*)  
**Spanish** B2 Intermediate, academic level
- IT Languages **Advanced:** Python, Java, JavaScript **Basic:** C, C++, Scala, R, CAML, Prolog, Autoit
- Web **Languages:** HTML, CSS, JavaScript, PHP **Servers:** Apache, NodeJS **Framework:** Django
- Graphic Adobe Lightroom, Adobe Premiere, Adobe Photoshop, Adobe InDesign

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## Interests

- Art Photography (portfolio at <https://yohan.chalier.fr/photo/>) and folk guitar.
- Culture French cinema and literature.
- Sports Running, hiking and chess.
- IT Many games and projects available on my GitHub ([/ychalier](#)), of which:
  - a messaging web application for friends in NodeJs, hosted on a Raspberry Pi,
  - a Django website using of Amazon Web Services for routing, hosting and storage.