Guillaume Paillot

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PROFESSIONAL SKILLS

IT Skills

- **Data Science & Analytics:**
  - R, Python & Excel: strong working proficiency
  - Tableau Software, Java & Scala: working proficiency
  - SQL & Hadoop: strong working proficiency

- **Web Development:**
  - HTML, CSS, JavaScript: working proficiency
  - Django: working proficiency

- **Cloud Services: AWS Certified Solutions Architect – Associate**

- **System and Network Administration**

- **OS:** Windows and Linux: strong working proficiency

Languages:

- **French**: Native
- **English**: Fluent – TOEFL IBT : 109/120
- **Mandarin**: Intermediate – 2 years in Shanghai & 6 weeks in Tianjin
- **German**: Intermediate

Soft Skills:

- Project & Team Management
- Analytical Skills
- Incident Management
- Presentation Skills

WORK EXPERIENCE

Senior Data Scientist, Amazon— Luxembourg — Oct. 2019 to current
Optimizing one day and two days delivery speed for Amazon EU using data and analytics..
Achievements
- Evaluated the impact of 3 multi-million USD projects on speed for 6 different countries using a Greedy Optimisation simulation tool (**Java**, **SQL**).
- Defined the 3 year strategic plan for speed in 6 EU countries with a new simulation methodology (**Python**, **SQL**) involving 20 stakeholders.
- Divided by 4 the time spent to evaluate the speed benefit of changes in the EU delivery network thanks to tools leveraging **Python** and **Redshift**, hosted on **AWS**

Business Escalation Lead Data Analyst, Criteo— Paris — Nov. 2018 to Sept. 2019
Managing a team of 2 to handle large scale incidents with financial and reputational impact.
Achievements
- Managed 3 critical incidents, reporting directly to C-Level executives.
- Enabled 3 Data Streaming projects to increase Operational Efficiency

Business Escalation Data Analyst Level 2, Criteo— Paris — Dec. 2017 to Nov. 2018
Autonomously managing large scale incidents with financial and reputational impact.
Achievements
- **Divided by twelve issue investigation time** by delivering a real-time data source in partnership with R&D teams.
- Nominated during Criteo Hackathon 2018 for a Fraud Deterring project.

Business Escalation Data Analyst, Criteo— Paris — Oct. 2016 to Dec. 2017
Managing large scale incidents with financial and reputational impact.
Achievements
- **Divided by two issue detection time** by designing and developing a new business alerting system (Scala, SQL, Hadoop) with a team of 3 developers.
- Investigated **Fraud Suspicion** and designed strategy on this topic.

IT Consultant Intern, Solucom — Paris — Feb. to Jul. 2015
Advising clients on the use of cloud services to improve their development processes.
Achievements
- Deployed a Proof of Concept **PaaS** solution using **Docker** for a banking group.
- Conducted several interviews and workshops to prepare the redesign of the service offer of the IT department of a major industrial group.

Business Intelligence Analyst Intern, Criteo — London — Aug. 2014 to Jan. 2015
Supporting technical solutions and account management teams in retargeting strategy.
Achievements
- Provided in-depth analysis to Account Strategist using advanced database systems (**SQL, Hive** and **Hadoop**) and reporting tools (**Tableau Software**)
- Developed three web tools which significantly improved processes.

EDUCATION

Imperial College London — MSc in Computing with Merits — 2015-2016
Specialism: *Computational Management Science*.
Courses focusing on Data Science and Big Data. Member of the **Imperial Data Science Society** talent development program and student representative for MSc in Computing.
→**Individual project :** Scaling data visualisation (**d3.js**) for Europe's largest visualisation cluster at the Data Science Institute.

Telecom ParisTech — *Diplôme d'ingénieur* — 2012-2016
Majors: *Software Engineering, Web Interface and Human-Machine Interface*.
Telecom ParisTech is France's leading Engineering School for ICT.
→**Team project (7 students):** We built and programmed a Synthesizer with a projected keyboard using **JAVA** and Kinect. Project nominated for originality prize among 20 projects.
→**Application project (5 students):** Redesign of support Software for a nuclear plant in partnership with Alstom using **C++** and **Qt.**

Lycée Saint-Louis — Maths, Physics and Engineering Science — 2010-2012
Scientific Baccalauréat with Honors — 2010 — French highschool diploma

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EXTRACURRICULAR ACTIVITIES

President - IT Students Association — Paris, France — 2013/2014
"Rezel" provides internet access and technical support to more than 430 students.
Achievements
- Initiated and led the deployment of **Zabbix**, a system and network monitoring.
- Solved several major technical crises with limited human resources.

Sports: Running & Bouldering   **Interests:** Video Games & Cooking