

ESTELLE WOLSKI

Analytics Engineer & Data Engineer | Looking for opportunities in New York | + 33 6 78 26 38 10
✉ estelle.barnoud@columbia.edu | 📄 estellebarnoud | 🌐 EstelleBarnoud | 🌐 estellebarnoud.com

WORK EXPERIENCE

Gojob | Senior Analytics Engineer, Data Engineer

Mar'21 – Present
Aix-en-Provence, FR

- Reduced # of customer escalations from 20 to 2 per month by migrating data models from old stack [Airflow][DOMO] to new [Fivetran][BigQuery][dbt]
- Cut # of incidents by half by setting up automatic tests both on a daily basis to proactively fix data quality issues and on code changes for continuous integration [GitLab][dbt]
- Increased analytics team impact by setting up a technical roadmap, recruiting 4 engineers, producing self-service documentation and upskilling via code reviews & mentoring
- Served on-call rotations on 10+ data sources & 150+ models

L'Oréal | Data Scientist & Analyst, Revenue Growth Management – Advanced Analytics

Feb'20 – Dec'20
New York, NY

- Designed hierarchical Bayes estimation with choice-based conjoint research to understand customer behavior – saved \$10M+ in portfolio & pricing optimization
- Used Machine Learning to provide quantitative & qualitative recommendations based on customer insight
- Automated processes to boost capabilities – optimized research designing from 5 days to 1 [Python][VBA]

CybelAngel | Business Analyst

May'19 – Feb'20
New York, NY

- Prepared business data & slides for pitch deck to raise \$36M in series B round
- Analyzed & forecast marketing and sales performance to recommend data-driven strategies
- Worked cross-teams on systematic tracking of KPIs; optimized sales & marketing processes

Bill & Melinda Gates Foundation | Data Science Consultant | Columbia

Sep'18 – May'19
New York, NY

- Applied statistical machine learning models to build linguistic glossaries [Python]
- Implemented recurrent neural network to translate languages with limited data [TensorFlow][Python]

ACADEMIC & ASSOCIATIVE PROJECTS

Idées Citoyennes | Founder, Product Developer & Manager | Télécom

Feb'18 – Jun'18
Paris, FR

- Benchmarked existing digital infrastructures and led survey on how citizens perceive their engagement
- Developed MVP web platform using opensource & most used technologies [React][Redux][Node.js]

Make A Difference - Télécom Paris | Chairperson | 1st student club at Télécom for sustainable development

Apr'17 – May'18
Paris, FR

- Founded & chaired the association; Directed & led projects such as charity work and recycling
- Organized €1500+ event of 100+ attendants to raise awareness about disabilities

EDUCATION

Columbia University | GPA: 3.8/4.0

Aug'18 – Dec'19
New York, NY

Master of Science in Management Science & Engineering – *Analytics, Optimization, Operations*

Télécom Paris, Institut Polytechnique de Paris | GPA: 3.8/4.0

Sep'16 – Dec'19
Paris, FR

Diplôme d'ingénieur | Master of Science in Data Science – *minor in Entrepreneurship & Innovation*

SKILLS

Software: Python (Airflow), SQL (BigQuery), dbt **DevOps:** GitHub, GitLab CI, Docker **Other:** Power BI, VBA, HTML/CSS

Spoken Languages: English (fluent) - French (native) - Spanish (basic) - Chinese (basic)

Interests: Violin & Piano (classical, since 2000) - Singing (local concerts) - Rowing (national competitions | 2010-2016)