

Antonin Voyez



Contact

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Skills

Programming

Python
Javascript

System

Bash
Linux
Git
Docker

Data science

Jupyter
Pandas
Matplotlib / Seaborn
Sklearn
Hadoop - PIG

Soft skills

Adaptability
Creativity
Critical thinking
Independence
Presentation
Public speaking
Research
Writing

Other

Differential Privacy
Cryptography
L^AT_EX

Languages

French (Native)
English (Fluent)
German (Scholar)

Other

Permis B (car)
Permis côtier et
hauturier (boat)
Licence Radio-amateur
(radio)

Experiences

- 2020–2023 **ENEDIS / IRISA** Paris/Rennes, France
Python, Jupyter, ML (time series classification), L^AT_EX
Ph.D. - (ENEDIS - IRISA: LACODAM team)
Privacy Risk Analysis of Large-scale Temporal Data: Application to Electricity Consumption Data.
- 2019-2020 **IRISA: DRUID team** Rennes, France
Python, Jupyter, scraping
CDD - Research Engineer
Scraping and analyzing web pages for the PROFILE project.
- 2019 **IRISA: DRUID team** Rennes, France
Python, Django, Rust, Jupyter
Internship - Research Engineer
Implementing Crowdpriv, a privacy-friendly task/worker assignment platform. Building a test dataset from the Stackoverflow database.
- 2018 **Crédit Mutuel Arkéa** Brest, France
Python, PIG, Hadoop
Internship & CDD - Assistant data engineer
Building a test and log analysis tool for Hadoop.

Publications

- 2022 **ArXiv (under review at Nature Scientific Report)**
Unique in the Smart Grid -The Privacy Cost of Fine-Grained Electrical Consumption Data
- 2022 **SECRYPT**
Membership Inference Attacks on Aggregated Time Series with Linear Programming

Teaching

- 2022 **Master 1 Info** ISTIC - Université de Rennes 1, Rennes, France
Database (SQL, optimization: index, analyze)
- 2021–2022 **Master 1 MIAGE & Cyber** ISTIC - Université de Rennes 1, Rennes, France
Database access control, differential privacy

Education

- 2020–2023 **Ph.D.** Université de Rennes, Rennes, France
Privacy Risk Analysis of Large-scale Temporal Data: Application to Electricity Consumption Data.
- 2017–2019 **Master 2 Cybersecurity** ISTIC - Université de Rennes 1, Rennes, France
Cryptography, Networking, Secure Programming, Sysadmin - Linux & Windows
- 2014 – 2017 **Bachelor Computer science** ISTIC - Université de Rennes, Rennes, France