

# Data Analyst Internship

## The Company

Today, one billion urban dwellers lack access to running water at home and rapid urban growth will make this much worse.

CityTaps' vision is to bring “running water in every urban home” in the developing world. To achieve this goal, we create technology and services that help water utilities provide water to 100% of the people they serve, 100% of the time.

Thanks to our IoT & Pay-As-You-Go solution, water utilities can serve the urban poor sustainably. Families can access running water in their homes, saving them time and money, and improving their health, while paying for the water service in a simple and convenient way from their phone, at any time, and for any amount.

We are currently scaling in West Africa (Niger, Burkina Faso, Mali, Senegal), East Africa (Kenya), in Latin America (Brazil, Ecuador) and in Asia (Singapore).

Our offices are located in Paris (Porte d'Orléans).

## The Assignment

CityTaps is looking for a Data Analyst Intern who would like to explore and structure data collected from our devices, define user profiles and look at water usage forecasting.

Under the responsibility of the CTO, and with the support of the team, you will:

- Understand our business
- Explore the data collected from our devices or generated by the service
- Propose a data structure for more intuitive exploration and computation
- Define user profiles based on the available data
- Set up an auto categorization of users
- Pull external data and integrate it with user profiles to refine them
- If time permits, work on water usage forecasting algorithms

### **Why Work With Us?**

- You want to have an impact on social inequalities with your work
- You want to practice your skills in a challenging and trusting environment
- We will help you gain autonomy in your work

### **Your Profile:**

- Comfortable working in an English environment - both in spoken and written English
- Computer Science/Data analysis engineering background
- Experience extracting data from MySQL and MongoDB
- A desire to work on tasks from beginning to end with a small team
- An interest in our mission and our social impact in developing countries
- A strong desire to learn and improve.

Interested in solving a global social crisis and want to use tech for good while working in a multicultural and diverse company?

Please send us your application including your CV and a few lines explaining how you want to contribute to the project at [jobs@citytaps.org](mailto:jobs@citytaps.org) (mention the position “Data analyst internship” in your email subject). Please feel free to apply, even if you do not meet all the requirements for the position.