

Internship Position

Atoti widgets

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“Implement heat map and histogram as Atoti UI widgets”

• Introduction

Atoti UI is a web application that allows collaborative exploration of large amounts of real-time data through shareable dashboards. This application is a software component of our Atoti product. It includes a wide range of basic features and is even extensible through a plugin system. For example, our clients can create their own views and actions.

The main strengths of our product are its performance (enabled by our proprietary in-memory database) and its extensibility. The goal of this project is to leverage this extensibility to create new open source Atoti widgets and make them available to Atoti users.

• Expected work

The goal of this internship is to create two new Atoti UI widgets: a heat map and a histogram. These widgets are, of course, not static: they must work in real-time and be compatible with any user-defined data model. They will be open-sourced so that any Atoti project can benefit from it.

The expected deliverables are:

- Builds of the created widgets published to NPM.
- A GitHub repository containing their source code.
- A demo of the created widgets.

This will be an opportunity for you to:

- Contribute to developing a FrontEnd among a professional team of developers.
- Acquire TypeScript / React development skills
- Discover the world of multidimensional data analysis

• About ActiveViam

ActiveViam provides business users with instant insight into large volumes of fast-moving data for timely and context-aware decision-making.

Founded in 2005, ActiveViam employs over 150 people in its offices in New-York, London, Paris and Singapore. We expect sustained growth in 2025 and will continue hiring the best talents from the top schools.