Holtz Yan
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Birth: 14/03/1988
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Data Visualization Engineer
Specialized in R & Shiny

Personal project

- o Creator of the R, Python, and d3.js graph galleries. These websites display thousands of graphs with their reproducible code. Visited 30k times / day.
- o Author of data-to-viz.com, a website that provides data visualization best practices, recently awarded by the information is beautiful organization.

Professional experience

2017 - now **Data visualization engineer** – **Queensland Brain Institute** – *Brisbane, Australia*

2 years
- o Development of several data visualization applications using shiny and d3.js for mental health epidemiology.
- o Participation in many research projects for dataviz advices and technical help.

2016 **Data visualization consultant** – **Terres Inovia** – *Paris, France*

6 Months
- o Creation of a shiny application based on the SQL database of the company.
- o The application contained many interactive charts allowing quick exploration of the dataset.

2012 **Bioinformatician & Data analyst**– **INRA Montpellier** – *Montpellier, France*

5 Years
- o Development of data analysis pipeline to study the genetics of Wheat.
- o Creation and publication of shiny applications for QTL analysis and genetic map comparison.

Professional skills

Programing: Professional skills in **R**, **Python**, and **Javascript**. Familiar with the **Linux** environment. Author of bioinformatics software and R packages. Familiar with reproducible analysis (**R Markdown**) and version control (**Github**). Big fan of the **Tidyverse**.

Data visualization: Expert in data visualization, both concerning theoretical knowledge and technical skills. Mastering of common R packages like **ggplot2, shiny,** and all **html widgets.**

Web development: Familiar with **Html**, **Css** and **Javascript**. Used to work with the **bootstrap** library that is used by **shiny**.

Teaching & Communication: Frequent speaker in conferences, meetups and workshops. Mainly about R and Dataviz.

Scientific commitment: author of several scientific publications, speaker in international scientific congress, familiar with scientific report synthesis.

Education

2008-2012 **Master's degree in Agronomics & Statistics** – Montpellier **Supagro** (Top French engineering school), France. Mastering in crop science, **genetics**, plant **breeding**, population genetic, **statistics**, **data analysis** and project management.

2010-2011 **One year traineeship** between M.Sc1 and M.Sc2 : 6 months course in the University of Santiago (**Chile**), professional experiences in **Australia** and **Peru**

Interests

Sailing Part of the Sailing French team for several world & Europe championships. Coach of the Montpellier's Yacht club sailing team.

Violin Violinist for the Symphony orchestra of the University of Montpellier.