


# François Chabbey

Front-end Developer

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[github.com/chabbey](https://github.com/chabbey) 

[chabb.github.io/portfolio](https://chabb.github.io/portfolio) 

## Profile

Comfortable with large codebase, complex interactions and data-intensive applications, I am passionate about data and scientific visualizations. Efficient and fast-learner, I am committed to keeping a growth mindset throughout my professional life.

## Skills

- ✓ Proefficient with modern Javascript (ES6, Typescript)
- ✓ At ease with the the standard JS toolchain (Less, Grunt, Webpack, npm, mimifiers, css processors, proxy servers)
- ✓ Proefficient with GIT and various GIT workflows
- ✓ Experienced with large, complex AngularJS Applications
- ✓ Experienced with backend NodeJS developpement
- ✓ Experienced with JS frontend and backend libraries: D3, GoJS, Highchart, Leaflet, MapBox, ReactJS
- ✓ Experienced with other languages and databases: Python, Java, Swift, Objective-C, SQL, MongoDB

## Education

### MongoDB Certified Developer

Associate Level Exam (448-091-158)

### HES-So Sierre, Bachelor of Applied Science (B.A.Sc.)

Won Price For Remarkable Result throughout the year

## Experience

### Stanford

Developped data visualizations in collaboration with Stanford labs

- ✓ [chabb.github.io/dominoPlot](https://chabb.github.io/dominoPlot)
- ✓ [rasmusfonseca.github.io/EvoBundle/gpcr\\_demo2](https://rasmusfonseca.github.io/EvoBundle/gpcr_demo2)
- ✓ [charlottegiseleweil.github.io/webviz\\_natcap](https://charlottegiseleweil.github.io/webviz_natcap)

2015 - Today

### ThoughtSpot Inc. [www.thoughtspot.com](http://www.thoughtspot.com)

- ✓ Primary owner of the data management, user administration, scheduling section of the ThoughtSpot web application.
- ✓ Built a fully functional and scalable database schema editor that can handle large databases schema (more than 700 tables, more than 200 relationships)
- ✓ Moved more than 200 e2e tests from angular-scenarios to protractor framework
- ✓ Refactored the Angular frontend application into a tree hierarchy of Typescript micro-components and services that interacts with different backend endpoints
- ✓ Optimized multiple API contracts for code performance
- ✓ Moved the CSS to a Flexbox model
- ✓ Helped with recruiting process of new engineering hires

2011 - 2014

### Icare Research Institute [www.icare.ch](http://www.icare.ch)

- ✓ Designed and implementend the mobile iOS application for the Breitling B55 Exospace Watch. [www.breitling.com/en/models/professional/exospace-b55](http://www.breitling.com/en/models/professional/exospace-b55)
- ✓ Implemented an information system that tracks in real-time the electrical production of solar panels and the electrical consumption of a flat, using MongoDB and NodeJS
- ✓ Built a public SVG vizualisation on the top of this stack: [technopole-vert.ch](http://technopole-vert.ch)
- ✓ Implemented various websites [smartscan.icare.ch](http://smartscan.icare.ch), [quodify.ch](http://quodify.ch)

## Languages

**French** - mother tongue, university level

**English** - fluent in written and oral English

**German** - good skills in written and oral