

# Charlotte Thomas

Student / Developer

Rennes

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She/They 20F

## Scolaire

2022  
2023

**Second Year, Bachelor of Science, Computer Science**, Rennes University, Rennes (35)

2021  
2022

**Second Year of "Prépa" | MP**, Lycée Montaigne, Bordeaux (33)

2020  
2021

**First Year of "Prépa" | MPSI**, Lycée Montaigne, Bordeaux (33)

2017  
2020

**High School Diploma, Science**, Lycée Gustave Eiffel, Bordeaux (33), Honors

## Programming Projects

2022

**STARFinder**, *Programming*

- Creation of a fun little language and REPL in Scala to find *your* bus stop using logic rules and magic keywords!
- GPLv3 on [GitHub](#), made to learn Scala and its integration with Java

2021

**BaguetteSharp**, *Language theory/Programming*

- Creation of an Interpreter and a REPL for a custom-made exotic language
- Published under the GPLv3 License, on [GitHub](#)

2019

**Automatic Report System**, *Ecosystem*

- Creation of an automatic report ecosystem, open source on GitHub
- Made in Java, briefly used in STARFLEET International
- highly securised client-server application

2013

**Personnal**, *DevOps*, [GitHub Profile](#)

Creation and administration of a variety of open source projects

2020  
2021

**Omega**, *Programming*

Assistant programmer for the Omega OS for Numworks Calculators

## Work

2021  
2021

**"Vacataire"**, *Departemental IT, ESI of Bordeaux*, French tax direction, Bordeaux (33)

- Inventory of the park of the regional tax direction
- Picking up and securizing important data
- Various IT task

## Skills

*OS* Linux RPM, Linux DEB

*Langages* Java, OCaml, SQL, JavaScript,  $\text{\LaTeX}$

*Framework* Java Spark, JS Vue, JS Aurelia

*Admin.* Apache2, MySQL, NodeJS

*English* Fluent

## Interests

Formal language theory, Webnovel writing, Mathematics and Science Fiction