

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

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

2021

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

2017
2020

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*

Creation and administration of a variety of open source projects

2020

Omega, *Programming*

2021

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, \LaTeX

Framework Java Spark, JS Vue, JS Aurelia

Admin. Apache2, MySQL, NodeJS

English Fluent

Interests

Formal language theory, Webnovel writing, Mathematics and Science Fiction