

Charlotte Thomas

Student / Developer

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She/They 19F

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

2021

BaguetteSharp, *Programming*

- Creation of an Interpreter and a REPL for a custom-made exotic language
- from scratch for the language part
- Made for the "TIPE ENS" of 2022 "concours" session
- Web easy to use user interface
- MIT Licence, published on GitHub ([coco33920/ocaml-baguettesharp-interpreter](https://github.com/coco33920/ocaml-baguettesharp-interpreter))

2019

Automatic Report System, *Ecosystem*

- Creation of an automatic report ecosystem
- Made in Java, briefly used in STARFLEET International
- highly securised client-server application
- MIT Licence, pinned on my GitHub profile

2013

Personnal, *DevOps*

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

Computer science 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

Interest

Programming, Webnovel writing, Mathematics and Science Fiction