



Software Engineer

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EDUCATION

- 2015-2018 :** Engineering degree from the ENSIIE (french engineering school specialized in applied mathematics and computer science)
- 2015-2016 :** Bachelor's degree in Mathematics in dual courses
- 2013-2015 :** Classe Préparatoire (math-physics-chemistry)
- June 2013 :** Baccalauréat S (with honours)

PROFESSIONAL EXPERIENCE

- April 2021 - Today** - Software Engineer at Build Informed (Austria)
development of Revit add-ins for the construction industry (**F#/C#/Revit API**)
- February 2019 - Mars 2021** - Software Engineer at WITRON in Parkstein (Germany)
development of a software for automatic WareHouse Management (**PL/SQL (oracle)**)
- June 2018 - November 2018** - Internship at Setics in Cologne (Germany)
map functionality development (**C#**, .NET, ArcGIS Runtime, SVN)
- June 2017 - August 2017** - Internship at SAIREM in Neyron (France)
development of HMI for Embedded Software (**C++**, **Qt**, Bash, UML, **GIT**)
- June 2016- August 2016** - Internship at Digital Surf in Besançon (France)
development of image resampling method (C++, GIT)

SOME PROJECTS

IT-projects

- *imperative programming* : Algorithms for calculating the roots of large integers (**C++**, GMP)
- *object programming* : spam filter (**Java**)
- *Functional programming* : Karatsuba-Multiplikation of Polynom (**OCAML**)
- *Web Programming* : Website that allows you to share photos. (**PHP**,HTML/CSS, javascript and postgresSQL, V-model, GIT, UML)
- *Parallele computing*: Implementation of linear algebra operations (C,**MPI**)

Mathematics Projects :

- *data processing* : Statistical tests on the origin of absences from school (**R**)
Factor analysis of a an election (**R**)
Algorithms of machine learning (**R,Python**)
- *Operations Research* : optimization problems (C,C++, **glpk** , Scilab, **Python**) like the problem of maximum flow, the delivery problem

Language

French: Mother tongue

German : C1

English : C1