Benjamin Collet

Software Engineer

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Professional experiences

Since July 2021   **Sopra Steria**, *Software Engineer*, France, Following of the previous mission.

Oct. 2019 – June 2021   **Lennatech (for Sopra Steria)**, *Software Engineer*, France.
- Maintenance and support of production management softwares at STMicroelectronics Crolles
  - Need to **quickly understand** a complex functional domain
  - Creation and deployment of tools to help with code quality (automatic testing, static analysis)

Feb. – July 2019   **LocalSolver**, *Trainee*, France.
- Lower bounds computation for vehicle routing problems (delayed column generation)
  - Application of the state of the art, **will to learn**
- Rewritting of the licensing system for a client–server model
  - **Adaptation** to requests, and also **proactive**

Feb. – June 2018   **Verimag (research laboratory)**, *M1 Trainee*, France.
- Modeling of network topology using the Coq Proof Assistant
  - Improvement of my **abstraction abilities**

April – June 2016   **LISTIC (research laboratory)**, *Undergraduate Trainee*, France.
- Conception of a parser between two mathematical languages
- Realisation of a ergonomic graphical user interface

Education

2017 – 2019   **Master**, *Université Grenoble Alpes*, France.
Master of Science in Informatics at Grenoble (MoSIG)
- Specialization in **Operations Research, Combinatorics and Optimization**
  - Combinatorial Optimization and Graph Theory
  - Advanced Heuristic and Approximation Algorithms
  - Optimization under Uncertainty

2016 – 2017   **Erasmus bachelor**, *Oulu University of Applied Sciences*, Finland.
Information and Communications technology
- Abroad studies: english, **adaptation** to another culture, **autonomy**
- Company projects, **teamwork**

2014 – 2016   **Associate's degree**, *IUT of Annecy*, France.
Information technology
- Software and database conception
- Basis of economy, management and communication

Languages and Skills

| English | Fluent (C1) | Programming in | C/C++, Python, Java, C# |
| French | Native speaker | Proficiency with | .NET, Java EE, SQL, Linux |

Hobbies and Interests

IT   Coding for fun, personal project or online contest (CodinGame).
Many install and config of GNU/Linux systems, on personnal comuputer and server.

Sport   Kung fu black belt, 8 year of practice and a trip to China.
It help me to be **rigorous** and **persistent**.