

Christophe De Troyer

Software Engineer

Recently graduated PhD student, trained in programming language design who did research in meta-programming for stream domain-specific languages. Strong communication skills developed through extensive teaching experience and ability to work independently or as part of a team. Very broad interests, extremely curious, and willingness to learn new things.

Contact

Address

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Skills

- Proficient in Elixir, Erlang, Python, Scheme

- Experience with Docker, GitLab CI/CD, Debian-based Linux, Ansible

- Familiar with JavaScript, Java, TypeScript, Haskell, Clojure

Languages

- Dutch

Excellent

- English

Very Good

- French

Average

Work History

2022 – Now

Software Engineer

weave.ly, Brussels

- Setup GitLab CI/CD architecture from scratch.
- Setup application deployment using Docker.
- Setup server provisioning using Ansible.
- Setup BI dashboard using Metabase.
- Integrate payment provider into application.

2015 - 2022

Teaching Assistant

Vrije Universiteit Brussel, Brussels

- Responsible for creating, giving, and correcting exams for "Structure and Interpretation of Computer Programs" and "Multicore Programming" courses.
- Responsible for creating assignments and guiding students through "Programming Project 1" course.

2017 - Now

Tutor

Tutored high school, college, and university students in Python, Java, and C#.

Education

2015 - 2022

Ph.D. Computer Science: Programming Language Design

Vrije Universiteit Brussel - Brussels, Belgium

2012 - 2015

Master of Science Computer Science

Vrije Universiteit Brussel - Brussels, Belgium

2008 - 2012

Bachelor of Science Applied Informatics

Ghent College - Ghent, Belgium

Publications

- **The Art of the Meta Stream Protocol** - Journal - (27/03/2021)
- **PrintTalk: A Constraint-based Imperative DSL for 3D Printing** - Workshop - (18/10/2021)
- **Building IoT Systems Using Distributed First-Class Reactive Programming** - Conference - (31/12/2018)
- **First-Class Reactive Programs for CPS** - Workshop - (23/10/2017)

GitHub: [@m1dnight](#) - **GitLab:** [@cdetroye](#)