

# Christophe GRANDMONT

PHD STUDENT IN THEORETICAL COMPUTER SCIENCE

UMONS, Bâtiment De Vinci, Avenue Victor Maistriau, 15, 7000 Mons, Belgium

[✉ christophe.grandmont@umons.ac.be](mailto:christophe.grandmont@umons.ac.be) | [🏠 chrisgdt.github.io/](https://github.com/chrisgdt) | [📱 chrisgdt](https://twitter.com/chrisgdt)

## Education

---

### University of Mons (UMONS) and Université libre de Bruxelles (ULB)

PHD IN THEORETICAL COMPUTER SCIENCE

Mons and Brussels, Belgium

2023 - 2027

### University of Mons (UMONS)

MASTER'S IN MATHEMATICS : SPECIALIST FOCUS ON CAREERS IN COMPUTER SCIENCE AND ARTIFICIAL INTELLIGENCE

- Summa cum laude (91.1/100)

Mons, Belgium

2021 - 2023

### University of Mons (UMONS)

BACHELOR'S IN MATHEMATICS

- Cum laude (75.35/100)

Mons, Belgium

2018 - 2021

## Research Experience

---

### PhD Thesis, UMONS and ULB

SUPERVISOR: [VÉRONIQUE BRUYÈRE](#) AND [JEAN-FRANÇOIS RASKIN](#)

- Title: "Rational synthesis and verification of equilibria in games played on graphs"

Mons and Brussels, Belgium

July 2023 - Present

### Master's Thesis, UMONS

SUPERVISOR: [VÉRONIQUE BRUYÈRE](#)

- Master's Thesis: "Rational synthesis and verification in multiplayer reachability games played on graphs"

Mons, Belgium

September 2022 - June 2023

### Research initiation internship, UMONS

SUPERVISORS: [GAËTAN STAQUET](#), [CLÉMENT TAMINES](#), [VÉRONIQUE BRUYÈRE](#)

- Subject: "Solving generalized parity games using a symbolic representation"

Mons, Belgium

August 2021 - September 2021

## Awards

---

2023 **Maurice Boffa award**, UMONS

250 €

## Teaching Experience

---

2023-2024 **Project of Data structure II for the third year of Mathematical and Computer Science bachelors**, UMONS, Teaching Assistant

## Attended events

---

**UniVr/UniUd Summer School on Formal Methods for Cyber-Physical Systems**. Udine (IT), 2023 ,

**GT Data, Automata, Algebra, & Logic** (GT DAAL). Paris (FR), 2023

## Languages

---

French (Native speaker), English (B2).

## Programming skills

---

JAVA, Python, JavaScript,  $\LaTeX$ , SQL, Scheme, Clingo ASP.

## Miscellaneous

---

### PROGRAMMING CONTESTS

- **Benelux Algorithm Programming Contest** (BAPC) 2022 in Eindhoven: 19th place, first belgian team. Participation to the **Northwestern Europe Regional Contest** (NWERC) 2022 in Delft.
- **Google Hash Code** qualification 2021 : 214th team (out of 9004), 4th belgian team. **Google Hash Code** qualification 2020 : 2463th (out of 10724 teams).
- **BattleDev** November 2020 : 76th place (out of 4624 participants). **BattleDev** March 2020.

DRIVING License B