

Casper van Battum • CV



CREATIVE PROGRAMMER - I want to create as many different ways as I can for others to experience, discover and express themselves about the world that we live in, and build on what make us human.

Birthdate: April 23, 1998 (age 24)

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Language proficiency: Dutch (native/C2), English (full/C2), French (conversational/B1-B2)



Education

2018-today

Game Development at HKU Utrecht School of the Arts

- Followed courses such as C++ Advanced, Environmental Modelling, **Networking**, **Maths** for Games, **AI** for Games, and done numerous projects in **Unity**.
- Learning to create games and interactive experiences from an artistic, designer and technological viewpoint.
- See [my portfolio](#) for a curated overview of the work I made at the HKU.

2016-2017

Computer Science at Delft University of Technology

- Followed courses such as Calculus, Algorithms & Data Structures, Discrete Mathematics, and Computer Organisation.
- Stopped after the first year because the program didn't challenge me creatively.

2010-2016

High school • Nature & Technology track • VWO grade

- Followed courses such as Informatics, Additional Maths, Fine Arts, Chemistry, and Physics.
- Final research project (2016): Simulation of the impact of a water droplet on a solid surface.

Work experience

2021

Delivery driver at Picnic BV.

- Delivery driver for an online grocery store.

2019-today

High school tutor with Bijlesnetwerk BV.

- Tutor in maths, ICT and programming.
- I've had about seven different students.

2017-2018

Lab Assistant at Brightsight BV.

- Supporting the development and construction of digital security research equipment, help with moving the company, and designing new tools.

Volunteer experience

Since 2017 **Active contributor to the OpenStreetMap project**

- Mapping missing details around the places I live and visit.
- Keeping local information up to date.
- Contributing to armchair mapping across the world (most notably Canada).
- Associate member of the OpenStreetMap Foundation.

2015-2017 **Volunteer teacher at CoderDojo Delft**

- Weekly event organized by a group of volunteers to teach kids aged 7-14 programming in Scratch, Python or JavaScript.

Other experiences

2018, 2019 **Workaway exchange in Norway (2 mo) and France (2 wk)**

- Cultural exchange for food and shelter and exchange of skills.
- Stayed at three addresses so far, on two separate trips.
- Helped renovating buildings in Norway and in France, helped as a farmhand in Norway.

Hobbies, skills and other interests

Photography (since 2014)

- Capturing landscape, nature, street, and travel photos.
- Photo editing with **Adobe Lightroom & Photoshop**.

Programming (since 2013)

- Used languages as BASIC, Java, Javascript, Typescript, C/C++, Rust, C#, Python, PHP5, SQL, and more.

Gaming

- I enjoy simulator, building and strategy games as well as story or emotion-driven single player games.

Hiking and backpacking

- Hiked several long-distance trails, such as the Tour du Mont Blanc and the GR54 in France.
- I like going places you wouldn't otherwise reach, at times you wouldn't otherwise be there.

Travel

- Exploring other places and cultures from close by is a major source of creative inspiration.