

# Jonathan Berthe

*Civil Engineer in Applied Mathematics,  
Web and Mobile Developer*

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## Education

- 2020 – Now **Web and mobile app development**, *Self-taught education*.
- 2016 – 2018 **Master's degree in Sciences and Environmental Management**, *Université Catholique de Louvain, Louvain-la-Neuve (Belgium), cum laude*.
- 2011 – 2016 **Master's degree of Civil Engineer in Applied Mathematics**, *École polytechnique de Louvain (EPL), Université Catholique de Louvain, Louvain-la-Neuve (Belgium), cum laude*.
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- 2013 – 2014 **Certificate of climbing instructor for SAE (artificial structures) and SNE (cliffs and natural sites)**, *Adeps & Club Alpin Belge, Belgium, cum laude*.

## Experiences

- 2020 – 2021 **Part-time salesman (toy store)**, *Oliwood Toys, Brussels*.
- 2018 – 2019 **13 months long journey around the world with partner**, 6 months in Asia, 3 months in Oceania, 4 months in South America.

### Internship

- Mar. 2018 – Jun. 2018 **Eco-animator at "PikPik Environnement"**, 3-month internship in an environmental association.

### Student jobs

- Sept. 2017 – Jan. 2018 **Data Analyst at YouMeal**, Belgian start-up offering management and analysis software for food recipes to translate them in terms of allergens, nutritional values and environmental impacts.
- 2013 – 2018 **Developer**, Implementation and management of a program that automatically generates the schedules of general practitioners during weekends and public holidays, still used today throughout the province of Luxembourg and in Dinant (7 medical posts and around 360 general practitioners).

### NPO and Student Projects

- 2013 – 2016 **Administrator (environment section)**, *Escal'pade ASBL, Club Alpin Belge, Arlon*.
- 2015 – 2018 **Kot-à-jeux**, *Projects related to board games*.
- 2013 – 2014 **Kot Planète Terre**, *Projects promoting a sustainable lifestyle*.

## Development Skills

- Web    HTML/CSS, Javascript, React, NextJS, Redux, Webpack.
- Mobile    Dart/Flutter.
- Back-end    Node.js, Express.js, NextJS, Firebase.
- Others    Matlab, Git, NoSQL (MongoDB), Linux, LaTeX, Java, Pack Office...

## Languages

- French    **Mother tongue**                      English    **Fluent**

## Interests

- Climbing    Sport climbing since 2001, national competitions for 5 years.
- Scouts    Member for 6 years.