Raban Ohlhoff

Master Architect

- 📍 Berlin, Germany
- ♟ October 1997
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- 🌐 https://raban-ohlhoff.com/
- in LinkedIn
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ACHIEVEMENTS

Bachelor Degree (July 2020)
Université libre de Bruxelles
ECTS Grade: A with Distinction

Exposition / Presentation (March 2021)
Faculté d'architecture ULB
ArchiExpo

Project Exposition (April 2022)
Faculté d'architecture ULB
ArchiExpo

SKILLS

Creativity
● ● ● ● ● ●

Conceptual
● ● ● ● ● ●

Organization
● ● ● ● ● ●

Communication
● ● ● ● ○

Coordination
● ● ● ● ○

Problem Solving
● ● ● ● ○

Collaboration
● ● ● ● ○

Adaptability
● ● ● ● ○

Accuracy
● ● ● ● ●

Multitasking
● ● ● ○ ○

LANGUAGES

German
Native

French
Very Fluent

English
Very Fluent

Spanish
Beginner

TECHNICAL SKILLS

Python	**Office Suite**
Blender	**SketchUP**
ArchiCAD	**AutoCAD**
Sverchok	**Qcad**
BIM	**Inkscape**

REFERENCES

Gian Marco Paldino
Thesis Supervisor
✉ gpaldino@ulb.ac.be

Philippe Meyer
Founder of Cabanes des Fumades
✉ cabanesfumades@orange.fr

As a highly motivated and creative master's graduate in architecture, I am eager to bring my passion for design and innovative problem-solving skills to a professional setting. With a strong background in both theoretical and practical aspects of architecture, I am confident in my ability to contribute to and learn from a dynamic team. My ultimate goal is to work on challenging and impactful projects that push the boundaries of the field while making a positive difference in people's lives.

I am deeply interested in the intersection of architecture and informatics. To inform and enhance my design processes, I have explored the use of **machine learning**, **data science**, **parametric design**, and **automation** on multiple occasions. I believe that the integration of these technologies has the potential to revolutionize the way we approach architecture, and I am eager to continue exploring this exciting field.

EDUCATION

Beethoven-Gymnasium, Berlin, DE (July 2009 - July 2015)
Abitur, General 2.1 German GPA

Université libre de Bruxelles, Bruxelles, BE (September 2017 - September 2020)
Bachelor, Architecture ECTS grade : A

Université libre de Bruxelles, Bruxelles, BE (September 2020 - Present)
Master, Architecture

EXPERIENCE

Foyer de Vie, Ruzière, FR (March 2016 - September 2016)
Intern, Educator

- Worked passionately with people with mental and physical disabilities
- Gardening and organizational work done as a team

Achievement: Learned to work with different people and to coordinate small groups

Les Fumades, Carcassonne, FR (March 2017 - June 2017)
Intern, Construction supervisor

- Worked as planner and woodworker in a carpentry.
- Explored the process from the living tree to the finished wooden cabin
- Experienced the physical and mental work in timber constructions

Achievement: Designed and built an elevated wooden cottage

FabLab, Brussels, BE (January 2020 - June 2022)
Student

- Worked as a team member of a multidisciplinary workshop
- Learned to work with 3d printers, lasercut and cnc milling machines
- Extended my knowledge of various open-source software through several training courses
- Developed independent multi-phase working and communication skills.

Achievement: Designed prototypes of an automatic shading system.

PROJECTS

Graph Classification in Architecture (February 2022 - August 2023)
Thesis

The research for this thesis delves into the field of architectural design and energy efficiency, with a specific focus on the use of graph representation in architectural design and the application of machine learning techniques to classify buildings based on their energy performance.

🔗 **https://raban-ohlhoff.com/thesis**

Space Between (September 2022 - Present)
Student Project

A design concept that sought to re-evaluate the role and power of blank spaces in urban environments was developed through intense research and analysis. Additionally new ways to use and interact with these areas, with the aim of creating more diverse and inclusive public spaces that could serve the needs of different communities are proposed.

🔗 **https://raban-ohlhoff.com/act**

Cohabitat Renovation (October 2019 - February 2020)
Student Project

Renovation project as part of my architecture studies. The focus of this work is on a non-invasive renovation to transform a classical apartment block into a cohabitation thus enabling a communal life.

🔗 **https://raban-ohlhoff.com/cohabitat_renovation**