

Corentin Brandao

PERSONAL DETAILS

23 years old

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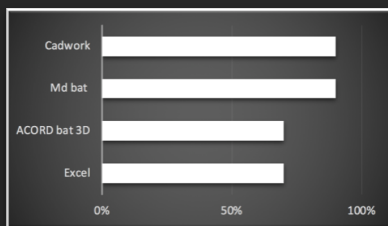
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LANGUAGES

- French
- English

SOFTWARE



INTERESTS

- Hiking
- Fishing
- Reading
- Wood working

EDUCATION

- **2018 - Present : Master's Degree in Engineering** (*Lyon, France*)
 - **Engineering Sciences:** General Mechanics, Thermodynamics, Electrical Engineering
 - **Business administration:** Commerce and Marketing, Bookkeeping, Management
 - **Wood Specialization:** Structural sizing (EC5), Building Thermal Engineering, Project management in Construction, Industrial Organization, Forest Management
- **2017-2018 : Preparatory program** (*Bourg en Bresse, France*)

A one-year preparatory program to get into a French engineering program.
- **2015-2017 : Undergraduate Degree in wood construction** (*Mouchard, France*)
 - Definition of technical solutions, Structural sizing, Thermal studies of buildings
 - Cost estimation
 - Organization of manufacturing and implementation
 - Laboratory study of materials testing
 - Implementation of collective and individual safety
- **2012-2015 : Vocational High School Diploma in wood construction** (*Macon, France*)

PROFESSIONAL EXPERIENCE

- **2018-Present: Wood engineer in a design office**

Company: ARBONIS - VINCI subsidiary (*Lyon, France*)

Vinci is a major actor in the trade of construction. ARBONIS is one of their subsidiaries with a turnover of €44M in 2018. It specializes in laminated wood and wood-framed buildings.

Job description:

- Definition of technical solutions taking into account budgetary, production and transportation constraints
- Industrial drawing on Cadwork and structural sizing
- Realization of production and installation plans on Cadwork

Worked in project mode in collaboration with different departments (production, works and logistics) in order to respect the provisional schedule.

Main project: BONNABAUD building (*Clermont ferrand, France*)

Prefabricated timber building with a height of 25 meters and standing at 7-storey high. Structure: concrete structural cores, glulam columns, timber frame walls, wood-and-concrete composite floor and CLT canopy

- **2018: Intern in a design office specialized in historic monuments**

Company: BOURGEOIS - VINCI subsidiary - (*Lyon, France*)

Main project: Bernascon hotel (19th century) - Aix-les-Bains (France)

My main project was the rehabilitation of the fire damaged BERNASCON hotel

- Carrying out the structural study on Md bat
- Realizing the drawings on Cadwork
- Optimizing costs while respecting the standards and the architects' aesthetic desires.

- **2016: Intern in a design office**

Company: SMJM : *specialized in individual wooden houses (Replonge, France)*

Job description:

- Industrial drawing on Dietrich's and Structural sizing on Md bat
- Cost optimization
- Waste management analysis

- **2016: Internship: Carpenter**

Job description:

- Worked in the workshop (framing)
- Worked in the construction site (framing and roofing)