

# Juan E. Velasquez T.

## Project Engineer

### Personal Info

Eindhoven, The Netherlands

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### Skills

#### Project Management

Advance

#### Data Analysis

Intermediate

#### Report writing

Expert

#### Teamwork

Expert

#### Communication

Expert

#### Leadership

Intermediate

#### Problem-Solving

Advance

### Software

#### Microsoft Office

Advance

#### AutoCAD

Advance

#### Tekla 3D

Advance

#### Python

Intermediate

#### MEPLA

Intermediate

### Languages

#### Spanish

Native

#### English

Fluent

#### Portuguese

Beginner

Project engineer with a background in sophisticated construction products, project management and green buildings. 3+ years of professional experience working with multidisciplinary and international teams. Qualified with the essential knowledge and expertise to manage international teams, understand complex engineering subjects and terminology, and thrive in a fast paced environment.

### Education

The University of Manchester

Sep 2018 – Dec 2019

*MSc in Management*

- Dissertation distinction in corporate financial evaluation
- Treasurer of the Latin American Society

Cardiff University

Sep 2014 – Jun 2018

*BEng (Hons) Architectural Engineering*

- Full Sketch-Up airport model
- Founder of the Latin American Society
- Architectural Engineering 1<sup>st</sup> year representative

### Work Experience

Byldis B.V. (NL) – *3D Engineer*

Feb 2022 – present

- Solely managing the 3D modeling of a 15 story building, and supervise another colleague over the preparation of the production drawings
- Lead sales engineer for the Overkoeks Block N project in Amsterdam. Calculated and converted the clients building specifications into prefabricated building elements to be easily produced and efficiently installed on site.
- Developed BIM integrated model to improve coordination between structural engineers, MEP engineers, architects and other relevant stakeholders.
- Experience in using BIM tools, such as Autodesk BIM360, to optimize the flow of information between different project stakeholders and achieve established goals more efficiently.

eyrise B.V. (NL) – *Project Engineer*

Mar 2020 – Feb 2022

- Solely researched and built the solar and privacy product's green certification labels (LEED) documentation and worked closely with external consultants for the development of the Environmental Product Declaration (EPD).
- Project engineer for the German Campus dynamic glazing façade (Dubai EXPO 2020), with a focus on improving the product to make it viable for sustaining high temperatures. This improvement increased the products exposure globally, making it adaptable to endure all types of weather.
- Project leader for the official eyrise i350 privacy product launch cubicle in Darmstadt, Germany. Calculated and remodeled the products functionality and technical aspects, whilst also supervising the supply chain in order to meet the tight deadlines.
- Provided sales engineering and quality support for the Amazon MK3 façade in Munich, Germany. This included delivering and showcasing the product mockup vs the competitors mockup, and solve unitized façade adaptations that contributed to eyrise winning the project in 2021.

### Certifications

Apix Development

Feb 2022

*Tekla 3D structures basis*

Edx – DelftX

Nov 2021

*Buildings as sustainable energy systems (Professional certification)*

Coursera – Duke University

Aug 2020

*Renewable Energy and Green Building Entrepreneurship*

Coursera – The State University of New

Aug 2019

*Solar Energy Basics*

Green Building Certification Inc.

Dec 2019

*LEED Green Associate*

### Additional Information

**Volunteering:** Encourage and help to host charity events in Cardiff to raise money for the victims of the natural disasters in Colombia and Mexico. Recollect funds in Manchester for a Guatemalan NGO, Entremundos.

**Interests:** cooking, football, ultimate frisbee, Manchester United and reading.