

Freire Alexander Palomino Palma

CIVIL ENGINEERING

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RESUME

What can I do for you? I can offer you the ability to perform high quality engineering designs, backed by my ongoing academic and practice. I can provide excellent drafting services for preparing your technical drawings and/or geometric roads and pavements designs and beyond, from sketch to delivery focusing on regulatory standards and client's requirements. I can also perform detailed quantity calculations and elaborate budgets, ensuring cost optimization and accuracy in each project. In addition, I am skilled in working with international standards and meeting specific client requirements in different markets, including the United States and Europe. I am results-oriented in every task I take on to provide valuable solutions and execute projects that meet and exceed your expectations. Good communication in English and Italian.

SKILLS

- AutoCAD
- Civil3D
- Microsoft Office
- Python
- HTML, CSS

WORK EXPERIENCE

Smartsourcing Latam, Barranquilla – Colombia

Project Manager

08/2023 - Today

- Extended staff for the Landscape & Civil Engineering Department, responsible for creating site plans, grading and utilities plans, quantity calculations, and network analysis, among other tasks. Contributed to over 16 projects, consistently reducing delivery times, increasing productivity, and enhancing client satisfaction.

Independiente, Barranquilla – Colombia

Road and Transportation specialist

01/2018 – Today

- Traffic and mobility studies, pavement design, and road infrastructure planning. Successfully delivered public and private projects within reduced timeframes.

Universidad de la Costa, Barranquilla – Colombia

Associate Professor

08/2018 – 01/2023

- Leader of surveying instructors, academic researcher, and thesis committee member. Published research articles in high-impact journals, improved student performance on state exams, and increased academic and bibliographic output.

Unión Temporal Arroyos Barranquilla UTAB, Barranquilla – Colombia

Junior Civil Engineer

09/2018 – 12/2018

- Safety and supervision of civil works, quantity surveying, and inventory control.

Città metropolitana di Milano, Milano – Italia

Stage

04/2017 – 09/2017

- Pavement rehabilitation and civil works supervision

EDUCATION

Master's degree in civil engineering, 2018, Politecnico di Milano, Milano - Italia

Bachelor's in civil engineering, 2018, Universidad del Norte, Barranquilla - Colombia