



**Adriano Goncalves**

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## PROFESSIONAL SUMMARY

- I have five years of experience in teaching civil engineering at the undergraduate level with emphasis on structural engineering disciplines such as Applied statistics; Concrete structures; Structural analysis; Metallic structures and Mixed structures.
- Structural Engineering industry specialist with an excellent understanding of the analysis and design techniques of reinforced concrete structures and metal and mixed structures
- Expertise in Computer-Aided Design software.
- Project coordination and management experience from conceptualization to completion, including design, customer needs incorporation, and technical support.

## SKILLS

- I speak four different languages: Fluent in Portuguese and Cape Verdean Creole; Advanced level in English; Intermediate level in Spanish.
- In terms of computer skills, I am an advanced user of Microsoft Office, Autocad, Cypecad, MS project; Robot Millennium and Revit. I am a basic user of SAP2000, RFEM
- I have advanced programming skills using Matlab and C (programming language).and SCIA.

## WORK HISTORY

### ASSISTANT PROFESSOR

10/2014 to 08/2019

#### Cape Verde University | Mindelo, Cape Verde

- Taught the following disciplines: Applied statics, Structural analysis, Concrete structures, and Metallic structures.
- Coordinated civil engineering department schedule.
- Published civil engineering departmental materials.
- Advised students on thesis projects.
- Evaluated students' final thesis projects.

### RURAL AND FORESTRY ENGINEERING

04/2014 to 09/2014

#### SONERF (PUBLIC-PRIVATE PARTNERSHIP) | Praia, Cape Verde

- Designed water adduction networks, water reservoirs, supporting walls, and drainage networks for the islands of Santiago and Santo Antão.
- Oversaw financial implementation of the project
- Coordinated the renovation of access roads to the forest perimeter of Mount Tchota.

## ENGINEERING ASSISTANT

02/2011 to 09/2011

### Portico Ltd. | Praia, Cabo Verde

- Supervised the construction of the support offices for the new *Televisão Cabo Verde* (TCV) (public TV company) studio, parking area, internal arrangement, warehouse construction, and fencing.
- Coordinated design and managed construction of multi-family buildings, including a 7-floor apartment building.

## DESIGN ENGINEER

06/2010 to 09/2019

### Portico Ltd. | Praia, Cabo Verde

- Designed the following public buildings
  - Portuguese High School, Praia
  - St. Nicolau High School on St Nicolau island
  - Abrolhos High School, Praia
- Designed the rebuilding of the Tarrafal health building, Tarrafal, Santiago Island.
- Designed private buildings that include single-family and multi-family buildings.
- Designed warehouses such as: Pao Quente warehouse; Praia warehouses and an aviary warehouse.

## ENGINEER IN TRAINING

06/2010 to 02/2011

### Electromec Ltd. | Praia, Cabo Verde

- Deputy of director of the site coordinating the following construction works:
  - Access roads for the installation of the radio station,
  - Foundation for the tower assembly,
  - Station support building.

## EDUCATION

### Master of Science | Structures

02/2014

### Faculty of Engineering of Porto University, Porto - Portugal

### Bachelor of Science

02/2011

### Jean Piajet University of Cape Verde, Praia - Cabo Verde

### Structural Earthquake Engineering for Buildings Certificate Program - ASCE (in progress)

## AFFILIATIONS

- Affiliate Member of American Society of Civil Engineering (ID#: 11912964).
- Member of Cape Verdean Civil Engineers association (ID#: 692).