

CESAR LEIRIAS

Transportation Engineer
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PROFESSIONAL PROFILE

PROFESSIONAL EXPERIENCE

Mr. Cesar Leirias has over 8 years of experience as an intern and engineer working on projects in the transportation field.

While attending college, Mr. Leirias worked as an intern at the County Department of Transportation (Porto Alegre/Brazil). The primary focus of the internship was to perform safety analysis and to design countermeasures to enhance safety for nearly one million drivers in the county.

Later, Mr. Leirias held another internship in the State's Transportation Planning Division (State of Rio Grande do Sul/Brazil) performing data collection and statistical analysis for the inter-municipalities transit system.

In his last internship, prior to his graduation, Mr. Leirias worked for the State Department of Transportation (State of Rio Grande do Sul/Brazil). At this department, Cesar was allocated to the Committee of Public Bids, where he learned how to analyze proposals submitted by bidders as well as to check for compliances with the original projects.

Mr. Leirias began his professional career at Magna Engineering Inc., which is the third largest engineering company in the state of Rio Grande do Sul/Brazil. Cesar worked for 2 years estimating costs and preparing proposals for state and counties public sealed bids.

In February of 2011, Cesar was hired by the City of Orlando as a Civil Engineer I in the Public Works Department - Transportation Engineering Division. In this position, he is responsible for crash data input, crash data analysis, and for assembling the Annual Crash Reports for the City of Orlando. Cesar also does speed and volume and Traffic Signal Warrant studies in compliance with the Manual on Uniform Traffic Control Devices criteria. He was the city inspector for the Anderson Street Improvements Project and Project Manager for Easterfield Drive construction. Cesar ensured compliance with FDOT standards and specifications on both projects. Currently, Mr. Leirias manages the Audible Pedestrian Signals project on N. Orange Avenue, and ensures compliance with the Americans with Disabilities Act and the Manual on Uniform Traffic Control Devices criteria.

EDUCATION

- Bachelor's Degree in Civil Engineering – Lutheran University of Brazil, Brazil
- Master's Degree in Transportation Systems – UCF – University of Central Florida

SKILLS

- Computer: - Microsoft Word, Microsoft Excel, HCS+, Minitab 16, Microsoft Power Point, SAS, and Enterpriser miner.
- Language: - Writes and speaks fluent English and Portuguese
- Speaks Spanish

CERTIFICATES

- FHWA - Pedestrian Safety Training Certificate
- FDEP - Erosion Control Inspector
- FDOT - Advanced Maintenance of Traffic
- FTTTC – ADA Accessibility Requirements for Highway Design & Pedestrian
- City of Orlando – Defensive Driving Course