# 1 ANDRÉ LUIZ BARBOSA NUNES DA CUNHA, Ph.D.

**Assistant Professor & Senior Transport Consultant | AI & Computer Vision Specialist**  São Carlos, Brazil |  [Email] |  [Phone]  [LinkedIn] | [Google Scholar] | [ORCID] | [Portfolio/LinkTree]

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### EXECUTIVE PROFILE: AI-DRIVEN MOBILITY

**Tenured Assistant Professor and Technical Lead** with 12+ years of experience bridging the gap between academic research and industrial application. Specializes in **Transport Modelling, Highway Safety, and Artificial Intelligence**. Proven track record of securing major grant funding and translating complex R&D into operational safety standards for Brazil's largest highway concessionaires.

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**CAREER PERFORMANCE DASHBOARD**

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|  **Research Funding** | Secured **~USD 3.38 Million** (BRL 18.6M) in competitive grants. |
|  **Industry Impact** | Defined safety standards for **Truck Escape Ramps** (CCR & ARTERIS). |
|  **Talent Leadership** | Directed **60+ researchers** (6 PhD, 15 MSc, 25+ Undergrad). |
|  **Global Mobility** | Visiting roles in **Australia, Germany, Croatia, & Portugal**. |
|  **Tech Stack** | **Python (OpenCV),** VISSIM, AIMSUN, Deep Learning Models. |

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