

Keila González-Gómez

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Madrid, Madrid 28045

PROFESSIONAL SUMMARY

Analytical Research Specialist with experience in experimental research and data analysis. Detail-oriented professional, reliable team player with excellent communication and problem-solving skills.

SKILLS

- Data Collection
- Data Analysis
- Experiment Design
- Road Safety analyses
- SQL
- Spreadsheets
- Report writing
- ArcGIS expertise

WORK HISTORY

RESEARCHER

05/2017 to CURRENT

Universidad Politécnica de Madrid | Madrid, Madrid

- Wrote research papers, reports, reviews and summaries regarding road safety.
- Used LiDAR data and GIS tools to create realistic representations of the road environment and carry out road safety analyses.
- Developed GIS-based methodologies aimed at evaluating road safety.
- Performed virtual visibility evaluations and research over course of 4 years to test for its impact on road safety and documented all findings.

TEACHING COLLABORATOR

02/2019 to 05/2019

Universidad Politécnica de Madrid | Madrid, Madrid

- Instructed civil engineering graduate students in computer-aided road design. Its principles and concepts.
- Created lesson materials, visuals, and digital presentations to supplement lesson plans.

EDUCATION

Bachelor of Science | Civil Engineering

04/2011

Universidad Autónoma De Santo Domingo, Santo Domingo, Dominican Republic

Master of Science | Geodesic Engineering and Cartography

06/2015

Universidad Politécnica De Madrid, Madrid

Ph.D. | Civil Engineering Systems

EXPECTED IN 06/2021

Universidad Politécnica De Madrid, Madrid, Spain