

Imran Geresu

STRUCTURAL ENGINEER



BACKGROUND SUMMARY

Imran is a 2021 graduate of Kennesaw State University, Southern Polytechnic College of Engineering and Engineering Technology. He graduated Magna Cum Laude with his Bachelors of Science in Civil Engineering and was frequently on the Dean's List and President's List.

Imran served as structural design project leader designing steel structures, led a team in an engineering hydrology study report and was the proposal team member for a transportation solution project. He was a member of the Steel Bridge Competition Team and participated in volunteer work around the community. Imran successfully passed the FE exam in April 2021 and will serve Dos Santos International as a Structural Engineer.

PROFESSIONAL BACKGROUND

DOS SANTOS INTERNATIONAL

Marietta, GA, 2021 - Present (Structural Engineer)

Responsibilities:

- Design and development of advanced bulk material handling systems
- Engineering consulting
- Project development and management
- Mechanical and Structural analysis
- Standards and software development
- Training and field assistance



(Phone) +1 770 423 9895
(Text/SMS) +1 916 US SNAKE

info@dossantosintl.com
DosSantosIntl.com

531 Roselane St - Suite 810
Marietta, GA 30060

KENNESAW STATE UNIVERSITY

Kennesaw, GA, 2017 - 2021 (Student)

COURSES:

- Civil Graphics
- Statics
- Engineering Problem Solving
- Surveying
- Project Cost Analysis
- Fluid Mechanics
- Structural Analysis
- Materials
- Transportation Engineering
- Steel Design
- Concrete Design
- Highway Design
- Foundation Design
- Land Development and Hydrology

COURSE PROJECT EXPERIENCE

Design of Steel Structures (Structural Design Project, Team Lead)

Responsibilities:

- Facilitated the determination of the loading criteria of the building required for the Deck Design using ASCE 7 and the IBC to find load values.
- Created a 3D model of the structure including fully designed beams and columns using RAM Structural Systems.

Engineering Hydrology (Hydrology Study Report, Team Lead)

Responsibilities:

- Coordinated with other members to present a timetable that would be adequate to finalize the project within the given allotment.
- Utilized both Hydraflow Express and Hydrographs to design culverts, channels and ponds that would sustain different storm conditions.



(Phone) +1 770 423 9895
(Text/SMS) +1 916 US SNAKE

info@dossantosintl.com
DosSantosIntl.com

531 Roselane St - Suite 810
Marietta, GA 30060

- Documented results and delivered a hydrology study report complete with a watershed Schematic and hydrograph printouts.

Transportation Engineering

Responsibilities:

- Conducted research on the different countries around the world attempting to restrict vehicle access to their city centers.
- Obtained accurate statistics on cities that have implemented the practice of removal of side street parking spaces.
- Compiled a 3-minute presentation to showcase important elements of the project and submitted it to different faculty members for feedback.

CLUB EXPERIENCE

Steel Bridge Competition Team (Member)

Responsibilities:

- Assist with the assembly of the steel bridge while trying to improve build time to less than six minutes.
- Brainstorm ideas to improve the stability of the structure and enhance the overall quality of the bridge.

EDUCATION

Kennesaw State University, Southern Polytechnic College of Engineering Technology, Bachelors of Science in Civil Engineering, 2021

VOLUNTEER WORK

- Turkey Trot 5K Race, Marietta, GA
- Georgia SPCA Run for the Rescues, Suwanee, GA
- Suwanee Day festival, Suwanee, GA
- Gwinnett Cultural and Heritage Center, Buford, GA

TECHNICAL SKILLS

- RAM Elements
- AutoCAD
- Civil 3D



- OpenRoads Designer
- Hydraflow (Express & Hydrograph)
- Inventor
- RAM Structural Systems
- Basic Python
- Fluent in Amharic



(Phone) +1 770 423 9895
(Text/SMS) +1 916 US SNAKE

info@dossantosintl.com
DosSantosIntl.com

531 Roselane St - Suite 810
Marietta, GA 30060