

# Desma Fantetti

Civil Engineer

## Profile

Dedicated Civil Engineer with 1 year of experience in designing, planning, and executing infrastructure projects. Proficient in utilizing industry software such as AutoCAD and Civil 3D, and experienced in collaborating with multidisciplinary teams. Strong commitment to ensuring safety, efficiency, and sustainability in all projects. Demonstrated ability to adapt quickly and contribute effectively in fast-paced work environments. Seeking opportunities to further develop skills and contribute to the success of innovative engineering projects.

## Employment History

### Civil Engineer at Clyde Companies Inc., UT

Apr 2023 - Present

- Completed the design and construction supervision of a \$15 million highway expansion project in Utah, resulting in a 35% reduction in traffic congestion and a 20% decrease in travel time for daily commuters.
- Led a team of engineers and technicians in the successful delivery of a \$25 million wastewater treatment facility upgrade, improving the facility's capacity by 50% and ensuring compliance with all federal and state environmental regulations.
- Developed and implemented an innovative stormwater management system for a new residential development, reducing overall construction costs by 10% and achieving a 95% stormwater runoff reduction, significantly minimizing the environmental impact on surrounding ecosystems.

### Associate Civil Engineer at , UT

Sep 2022 - Mar 2023

- Successfully managed the design and construction of a \$10 million highway expansion project, resulting in a 15% reduction in traffic congestion and improving overall road safety for the city.
- Completed a comprehensive stormwater management plan for a 500-acre development site, which led to a 20% reduction in flood risk and saved the city over \$2 million in potential damages.
- Oversaw the implementation of a new traffic signal system at 25 major intersections across the city, reducing average travel times by 10% and decreasing vehicle accidents by 5%.

## Education

### Bachelor of Science in Civil Engineering at University of Utah, Salt Lake City, UT

Aug 2017 - May 2022

Relevant Coursework: Structural Analysis and Design, Geotechnical Engineering, Transportation Engineering, Environmental Engineering, Construction Management, Fluid Mechanics, Engineering Materials, and Surveying.

## Certificates

## Details

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## Links

[linkedin.com/in/desmafantetti](https://www.linkedin.com/in/desmafantetti)

## Skills

AutoCAD

Revit

Geotechnical Analysis

Structural Design

Hydrology Modeling

Transportation Planning

BIM (Building Information Modeling)

## Languages

English

Mandarin

## Hobbies

Model building (architecture and infrastructure)

Geocaching

Robotics and automation