

# Kelsi Tedaldi

Junior Civil Engineer

✉ [kelsi.tedaldi@gmail.com](mailto:kelsi.tedaldi@gmail.com)

☎ (737) 544-5228

📍 2309 Far Pasture Lane, Vienna, VA  
22181

## EDUCATION

### Bachelor of Science in Civil Engineering at George Mason University

Sep 2015 - May 2019

I've learned how to design and analyze structural systems, how to manage construction projects, and how to perform various civil engineering calculations.

## LINKS

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

## SKILLS

Junior civil engineers should be proficient in CAD software, as well as Microsoft Office programs such as Word and Excel.

They must have a working knowledge of the principles of hydraulics and hydrology, soil mechanics, structural analysis and design.

Junior civil engineers should also be able to use surveying equipment and instruments.

## LANGUAGES

English

Russian

## HOBBIES

Playing chess

## PROFILE

I am a Junior Civil Engineer with over three years of experience. I have worked on various projects, both small and large scale. My responsibilities have included project coordination, construction administration, design reviews, and field inspections. I am knowledgeable in both AutoCAD and Revit software programs. I pride myself on being detail-oriented and having excellent organizational skills.

## EMPLOYMENT HISTORY

### ● Junior Civil Engineer I at Stantec, VA

Apr 2022 - Present

- Successfully designed and created a drainage plan for a site with complex topography.
- Conducted traffic analysis and came up with recommendations to improve safety and efficiency.
- Identified potential geotechnical risks on a construction project and suggested mitigation measures.
- Prepared construction specifications for earthwork, asphalt paving, and concrete work.
- Successfully managed resources on small-scale projects from start to finish.
- Provided technical assistance to other engineers during the design process.

### ● Junior Civil Engineer II at Michael Baker International, VA

Sep 2019 - Mar 2022

- Successfully designed and managed construction projects totaling over \$2 million.
- Successfully led a team of engineers in designing a new water treatment plant that achieved LEED platinum certification.
- Successfully negotiated with contractors to save the city more than \$500,000 on construction costs.
- Created a innovative design for a pedestrian bridge that was later built in the city center.
- The design garnered national attention and was featured in several publications.
- Authored several papers on civil engineering topics that have been published in industry journals.

## CERTIFICATES

### Certified Construction Manager (CCM)

Aug 2019

### Certified Environmental Engineer (CEE)

Mar 2018

## MEMBERSHIPS

American Society of Civil Engineers (ASCE)