



Evan Lutz Civil / Environmental Engineer



I work in the Water Division of a global engineering company.

How long have you been a civil/environmental engineer?

I have been working as a civil/environmental engineer for about a year.

Where do you currently work?

I work for Mott MacDonald, Northeast Headquarters in Iselin, New Jersey

How do you spend most of your time at work?

- 1) Create drawings (plans, profiles, schematics, maps)
- 2) Put together design calculations and equipment lists
- 3) Organize technical specification documents, complete developer reviews and complete government permits



Why did you choose this career?

I wanted to work with the environment and realized after doing humanitarian engineering how important water is. I also wanted to be an engineer to truly understand what was going on and how to solve issues technically.

What did you do to prepare for this career?

I majored in Environmental Engineering and minored in Environmental Science. I was a lab assistant for bioremediation microbes, an intern for master planning at a water utility, and an intern for bioremediation. Also, I taught a class of freshmen at Rutgers about environmental science, and I volunteered a lot with an environmental design club and humanitarian engineering clubs.

EVAN'S FUN FACT

My favorite book is "Seveneves" by Neal Stephenson. It's great science fiction!

What do you enjoy most about your job?

The process of learning is very rewarding. Every week I am presented with new challenges. There is so much to learn it seems daunting but it is also a motivator!

What do you find most challenging about your job?

Transferring knowledge from another person, or guide/book/website, to yourself. There is so much knowledge out there, it's tough knowing where to look and how to get it.

What is one piece of advice you would give to a young person who is interested in your profession?

Ask yourself everyday what you love but what also makes you feel accomplished and challenges you. Go in that direction and stay true to who you are.



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