



CIVIL ENGINEERING

TOP INDUSTRIES

1. Civil & Construction
2. Utilities
3. Consulting
4. Legal Services
5. Financials

SAMPLE JOB TITLES

- Civil Analyst
- Civil Engineer
- Construction Engineer
- Cost Engineer
- Design Engineer
- Field Engineer
- Field Manager
- Geotechnical Engineer
- Operations Engineer
- Project Engineer
- Project Manager
- Staff Engineer
- Structural Engineer
- Transmission Line EIT

TOP HIRING COMPANIES



HENSEL PHELPS
Plan. Build. Manage.



Kimley»Horn
Expect More. Experience Better.

SAMPLE HIRING COMPANIES

- Abonmarche
- Allegro Civil Engineers
- Anderson, Eckstein and Westrick
- Black & Veatch
- Bohler Engineering
- Brasfield and Gorrie
- C. A. Hull
- Commercial Contracting Corp
- DPR Construction
- Farnsworth Group
- G2 Consulting Group
- Goldman Sachs
- Goodbee & Associates
- Hazen and Sawyer
- Metro Engineering Solutions
- Nederveld
- OHM Advisors
- One Energy Enterprises
- Progressive Companies
- Rowe
- Sachse Construction
- SME USA
- Soils & Structures
- Spicer Group
- Stantec
- Thornton Tomasetti
- Turner Construction Company
- Walbridge
- WSP

**FULL TIME
STARTING
ANNUAL
SALARY**

Average

\$73,784

Min \$62,400 Med \$72,000 Max \$95,000

**INTERN
HOURLY
SALARY**

Average

\$20.03

Min \$17 Med \$20 Max \$25.44

CIVIL ENGINEERING

BACHELORS

SAMPLE ELEVATOR PITCH

Hi, I'm [Name]. I'm graduating in May with a bachelors degree in Civil Engineering, and I am interested in a full-time engineering position with [company].

I currently serve as the UM Steel Bridge Team's Construction Captain and Business Lead. I am also an officer for the UM chapter of the American Society of Civil Engineers, where I manage our recruiting and retention efforts.

I'm hoping to apply my leadership and project management skills to the project engineer position at [company]. Can you tell me more about this opportunity?

KEY COURSES

ENGR 100: Project based course for first year engineering students. Discuss what leadership and design skills you gained from the project.

CEE 265: Sustainable Engineering Principles; widely used across all areas of civil engineering

CEE [Program Electives]: Allows you to focus on specific disciplines, such as Structural Engineering, Geotechnical Engineering, Transportation Engineering, Construction Management, Hydraulics, and more

CEE 402: Senior design course working in teams to perform analyzes on a real site

SAMPLE IMPACT STATEMENT

Before: Performed drainage studies

After: Used topographical maps to compare pre-development and post-development runoff for existing drainage systems

KEY SKILLS

AutoCAD Civil 3D: CAD software used in one course and in most drafting work with consultants

Revit/BIM: 3D construction softwares used to conceptualize building plans

Bluebeam: Software used to review and markup plans

GIS: Mapping software beginning to be more widely used with hydrology and hydraulics

SAMPLE EXTRACURRICULARS

Student Organizations: American Society of Civil Engineers (ASCE), Michigan Transportation Student Organization (MiTSO), Chi Epsilon (Honors Society), Network for Women in Civil & Env Eng

Design Teams: ChE Car, MCCT, MPEDDD

QUESTIONS?

Want to learn more information?

Contact us at: ecrc-info@umich.edu

Schedule an appointment: careerforge.com/login