

Jared Sandberg, EIT

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EDUCATION

University of Michigan School of Engineering, Ann Arbor, MI

- B.S.E. in Civil/Environmental Engineering April 2012
 - Structural and Geotechnical Concentration; Major GPA: 3.3
- International Engineering Minor
- Summer abroad in Florence, Italy June – August 2011
- University Honors: Winter 2011; Deans List: Winter & Summer 2011
- Harry C. Walker Scholarship Recipient: Fall 2011 & Winter 2012

EXPERIENCE

Engineering Intern, G2 Consulting Group, LLC, Troy, MI

September 2012 – Current

- Observe concrete placement and perform quality assurance testing on concrete (i.e. air content, temperature measurement, slump test, and cylinder molding)
- Record and communicate test results to client field representative
- Perform compressive strength testing on concrete cylinders and record results for client

Civil/Site Engineering Intern, URS Corporation, Grand Rapids, MI

June 2012 – August 2012

- Assisted civil engineers and project managers with calculations, site plans, and rough looks for site design
- Performed field reconnaissance work alongside civil engineers
- Prepared site drawings using AutoCAD Civil 3D; i.e. site layout, grading, utility, and landscape plans

Senior Capstone Design Project, University of Michigan, Ann Arbor, MI

January – April 2012

- Completed capstone civil engineering project designing a multi-use building
- Performed a geotechnical investigation (as the sole geotechnical engineer) on a multi-disciplinary team
- Analyzed the site's soil and groundwater conditions, designed the building's foundation, designed the site's pavement, and prepared the site's grading requirements
- Prepared findings into written reports and team presentations

Student Scholar: Global Intercultural Internship, Virgin Islands

May 2011

- Developed leadership skills through service work for Habitat for Humanity and My Brother's Workshop
- Examined sustainable development and climate change issues in the Virgin Islands

TECHNICAL SKILLS

- Engineer in Training (EIT) Certification October 2011
- Experience with AutoCAD Civil 3D, AutoCAD, Slope/W, Seep/W, RISA 3-D
- Working experience with concrete testing equipment (i.e. Roll-a-Meter, Type B Pressure Meter, concrete thermometer, and a compression testing system) and brief knowledge of in-situ and laboratory soil testing
- Proficient in Microsoft Word, Excel, and PowerPoint

ENGINEERING RELATED COURSES

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|----------------------------|-----------------------------------|-------------------------------------|
| ▪ Geotechnical Engineering | ▪ Construction Contracting | ▪ Foundation Engineering |
| ▪ Energy & Environment | ▪ Environmental Engineering Prin. | ▪ Design of Reinforced Concrete |
| ▪ Civil Engineering | ▪ Hydrology & Floodplain | Stres. |
| Materials | Hydraulics | ▪ Slopes, Dams and Retaining Stres. |
| ▪ Computational Methods | ▪ Sustainable Engineering Prin. | ▪ Professional Issues and Design |
| for Engineers & Scientists | ▪ Design of Metal Stres. | |

EXTRACURRICULAR ACTIVITIES

- Member of the American Society of Civil Engineers December 2010 – Current
- Member of the Alpha Phi Omega Service Fraternity January 2010 – April 2012
 - Committed 25 hours of community service per semester
 - Volunteered at retirement homes, controlled invasive plants, assisted local schools, knitted clothing for the homeless