

## Eric D. Schultz

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### EDUCATION

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#### **Bachelor of Science, Purdue University**

Expected Graduation May 2011

Major: Civil Engineering, Concentration: Structural

GPA: 2.72/4.0

Minor: Economics

CE GPA: 2.83/4.0

### RELEVANT WORK EXPERIENCE

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#### **Facility Engineer Intern, *BISSELL Homecare Inc.*, Grand Rapids, MI**

May – August 2009

- Maintained new construction project with a \$100,000 budget, oversaw bidding processes, and conducted construction site analysis
- Supervised and scheduled relocation of over 100 offices to new wing of facility
- Performed facility audit and provided structural analysis of facility's exterior walls for boiler room repair project
- Managed maintenance crew and assigned tasks on a daily basis
- Presented oral and written reports of projects to facility engineers and managers

#### **Civil Engineer Intern, *Paradigm Design AE*, Grand Rapids, MI**

May – August 2008

- Drafted conceptual designs for projects including new construction of FedEx distribution warehouse, additions of Spartan fuel centers to existing stores, and golf course parking lots
- Analyzed parking occupancies, traffic conditions, and serviceability for parking lot development
- Cooperated with energy companies to analyze current and future power use for construction sites
- Evaluated watershed conditions for storm water utility design

#### **Structural Design Leader, *Senior Design Project*, Purdue University**

December – May 2011

- Developed reconstruction plan of Interstate – 465 near Indianapolis International Airport
- Redesigned three bridges spanning over the interstate, retaining walls, and conducted geotechnical analysis
- Implemented an exodermic bridge deck design – a research project of Purdue University

#### **Team Co-Leader, *EPICS Program*, Purdue University**

August 2008 – May 2009

- Coordinated with team members to manage YWCA reconstruction and relocation project
- Developed multiple conceptual floor plans and cost estimations to determine feasibility of renovation or new site construction
- Created website and database for reporting and exchanging project information amongst members
- Attended professional and technical skill development seminars

### HONORS, ACTIVITIES, and OUTREACH

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- **Freemason**, Doric Lodge #342, Grand Rapids, MI
- Member of American Society of Civil Engineers, Earthquake Engineering Research Institute, and Purdue GreenBuild
- Proficient in AutoCAD, Revit, Matlab, MathCAD, Adobe, and Microsoft Office