

Devon S. Walker

(###) ###-#### ◇ devonwalker at gmail.com

31 My Address, Lorem, DS 10000

OBJECTIVE Entry-level process engineer position in which my engineering and software experience can be combined to create and manage low-cost, reliable, and, most importantly, safe systems.

EXPERIENCE ◇ **Company One** **Impsum, DS**
Product Development Engineer Intern January 2012 - May 2012

- Tested polymer products for various mechanical properties using an INSTRON machine and following ASTM standards for flexure, puncture, and peel tests.
- Designed new polymer products for market expansion, such as incorporating anti-microbial additives into the current product for use in the untapped medical industry.

◇ **Chemical Engr. Dept., University of Lorem** **Lorem, DS**
Software Engineer Intern May 2011 - December 2011

- Designed the computer-to-mechanical interface for seven laboratory experiments used by all students taking the senior chemical engineering lab.
 - Interface built using National Instruments LabVIEW.
 - Calculated necessary safety bounds for the use of all equipment.
- Developed a double-pipe heat exchanger experiment used in the senior curriculum. Modeled the system using Simulink and wrote the lab manual for student use.

◇ **Medical Research Group, DSJ** **Lorem, DS**
Software Developer August 2010 - April 2011

- Created the group's website and developed a .NET backend GUI for simple website changes.

EDUCATION ◇ **University of Lorem** April 2012
Bachelor of Science in Chemical Engineering. GPA 3.3/4.0.

- Minor in Computer Science
- Process Flow Diagrams (PFD), created in AspenPlus and Simulink
- *Process Design*, simulation of a styrene production plant using Aspen Suite
- *Product Design*, energy saving spray-on window tinting concept
- *Principles of Polymer Engineering*, polymer mechanics and thermodynamics

◇ **Engineer in Training (EIT) Exam** April 2012

SKILLS ◇ **Software:** Proficient in AspenPlus, Aspen Icarus Project Manager, Aspen Exchanger Design & Rating, National Instruments, INSTRON Series IX, Word, Excel, PowerPoint. Familiar with AutoCAD.

◇ **Programming Languages:** Proficient in LabVIEW, MATLAB, Simulink, Java. Familiar with VBA for Excel, Python, C, .NET, L^AT_EX 2_ε.