## **Luke Wells**

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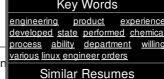
## Objective

 Experienced engineer interested in developing chemical process experience with team of motivated problem solvers

Key Words

### **Overview**

 Entry chemical process engineer with professional engir ability to adapt rapidly to change



- Strong oral and written communication skills with professional presentation experience
- Self starter with the ability to identify work necessary to be performed
- Six years of product engineering and manufacturing experience.
- · Positive attitude with the ability to be an effective role model

# **Professional Experience**

## 01/09-08/10 **Potoff Research Group**

Detroit, MI

Computational Scientist

- Developed mathematical models to examine properties of hazardous and nano scale materials
- Increased operating efficiencies via implementation of Compute Unified Device Architecture

## 09/06-09/08 MedEX Direct

Warren, MI

Certified Pharmacy Technician

- Began as one of two technicians and helped MedEX grow by 300% in sales
- Placed orders of \$125,000 annually to maintain stock
- Filled up to 1,600 orders per shift in a fast-paced environment that demands accuracy

### 08/03-06/06

# **ZF Sachs Automotive**

Northville, MI

Product Engineering Intern

- Organized various development aspects ( DVP&R / PVP&R testing, scheduling, control plans and coordinating prototype builds )
- Developed a high volume component for future vehicle platforms
- Maintained PFD and P&ID files

## 09/01-09/02 Moriss Dampers

Clinton Township, MI

Engineering Resources and CAD Technician

- Developed an adjustable shock absorber for racing applications
- Performed CAD modeling and machined components to retrofit our product on various vehicles

#### 01/03-08/03

# **Allison Engineering**

Warren, MI

Machinist / Assembly

- · Operated drills, mills, and finish grinders to produce high precision die details
- Performed the duties of a shipping and receiving clerk

### 06/02-08/02

# International Casting Corp.

New Baltimore, MI

Molder and Grinder

• Cast more than thirty recipes of steel into expendable sand molds

### **Education**

# 2010 Wayne State University

Detroit, MI

Bachelors of Science, Chemical Engineering

- · Built a state of the art computer lab for the Engineering Department
- Vice President of the Wayne State University Linux Users Group
- Ernest B. Drake Scholarship recipient
- AIChE chair ( American Institute of Chemical Engineers )
  - Worked with the Engineering Department to revive the student chapter from an inactive state

# **Related Course Work**

- Fluid Flow and Heat Transfer
- Material and Energy Balances
- Kinetics and Reactor Design
- Product and Process Design
- Mass Transfer Processes

# **Computer and Software Experience**

- Microsoft Office Suite (Visio and Project)
- Redhat and Debian Linux distributions
- Bash Shell Scripting
- C++ language
- Solid Works
- Gaussian
- XM Grace
- NAMD
- HYSYS
- Minitab
- Matlab

# **Availability**

- Available for international assignments
- Willing to travel up to 75%
- Willing to relocate

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