

Jonathan Gerald Jackson *Electrical Engineer (student)*

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OBJECTIVE To gain practical experience as an electrical engineer summer 2010 intern

EDUCATION **Iowa State University of Science and Technology**, Ames, Iowa, USA

B.S., Electrical Engineering *current classification:* Junior

- Principal subjects: General undergrad engineering, several programming languages, PSPICE, English, German, engineering physics; senior courses will focus on *power systems*, *microwave engineering*, and *linear systems*.
- GPA: 2.92 (most recent term: 3.50)
- Minor in German

Western Iowa Tech Community College, Sioux City, Iowa, USA

Preliminary coursework transferred to Iowa State University

- Dates: August 2007–December 2007
- GPA: 3.80

EXPERIENCE AND SKILLS Laboratory

- OSCILLOSCOPES, MULTIMETERS, FUNCTION GENERATORS, SOLDERING, POWER SUPPLIES, LABVIEW SIGNALEXPRESS, BREADBOARDS, PSPICE circuit simulation software, MATLAB, and JAVA

Web Development

Server Administration

With a LINUX based server, I provide web-hosting for all my websites and SQUID PROXY for computers in the household; VI and VIM are used for editing configuration files and BASH SHELL SCRIPTING for custom tasks; experienced setting up networking, DNS, VPN, and SSH; familiar with INTERNET SECURITY concerns and prudent precautions

www.lawtonbethel.com

- developed site for local church to deliver audio sermons in 2001 using HTML and JAVASCRIPT
- later converted to WORDPRESS blog for easier updating
- VBSCRIPT generates an SQL database from the church roster text file PHP dynamically generates HTML member phonebook page from roster's SQL database

www.JacksonEngineering.net

- my online professional profile
- custom php loads site-wide features such as navigation for easy administration
- spam resistant e-mail link uses AJAX and JAVASCRIPT
- site is valid XHTML STRICT

Robotics

- BASIC STAMP microcontroller based robot, SERVO CONTROL, infrared control, and obstacle avoidance.

MS-Office

- Word, PowerPoint, Excel

SOCIAL SKILLS AND I think people see me as a *respectable guy*, who's easy to get along with, *helpful* showing
COMPETENCES *good manners* and *courtesy* toward others. I have a very genuine personality and *people*
trust me. I work well as *part of a team* and I *work diligently* independently too.

ADDITIONAL I'd be happy to clarify and elaborate on anything you still have questions about. Just
INFORMATION simply e-mail or call me.

typeset in L^AT_EX

updated:
January 31, 2010