



## Europass Curriculum Vitae

### Personal information

Surname(s) / First name(s) **JACKSON, Jonathan Gerald**  
Address(es) 117C University Village, Ames, Iowa, 50010, US  
Telephone(s) +01 712.870.3418  
E-mail Jonathan@Jacksonengineering.net  
Nationality American  
Date / Location of birth 17.11.1988 Ft. Wayne, Indiana, US  
Gender Male

### Desired employment / Occupational field **Electrical Engineering Summer Internship**

### Education and training

Dates January 2008-May 2012  
Title of qualification awarded Electrical Engineering Bachelor of Science (EE)  
Cumulative grade point average (GPA) 2.92 as of 01.01.2010 Maximum: 4.0  
Principal subjects/occupational skills covered General undergrad engineering, several programming languages, PSPICE, English, German, engineering physics; senior courses will focus on power systems, microwave engineering, and linear systems.  
Name and type of organisation providing education and training Iowa State University of Science and Technology, Ames, Iowa, US  
Level in national or international classification Level 6 on International Standard Classification of Education

### Education and training

Dates August-December 2007  
Title of qualification awarded General studies to be applied to undergrad  
Cumulative grade point average (GPA) 3.80 Maximum: 4.0  
Principal subjects/occupational skills covered Preliminary coursework transferred to Iowa State University  
Name and type of organisation providing education and training Western Iowa Technical Community College, Sioux City, Iowa, US  
Level in national or international classification Level 5 on International Standard Classification of Education

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**Personal skills and competences**

Mother tongue(s)

Other language(s)

Self-assessment

European level (\*)

**German**

**English**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	Independent user	B1	Independent user	B2	Independent user	B1	Independent User	B1	Independent user

(\*) [Common European Framework of Reference for Languages](#)

Social skills and competences

I think people see me as a ..respectable guy, who's ..easy to get along with, ..helpful showing ..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.

Web Development

Website Hosting

I realized several years ago how one could run a web server with an always-on high-speed internet connection. I do this currently with a LINUX based server that provides webhosting 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 with other tasks experience setting up networking, DNS, VPN, and SSH

familiarity with INTERNET SECURITY concerns and prudent precautions

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

Computesmoothly.com

site for my personal computer repair service

PHP includes add dynamic features to a CSS/HTML template

Jacksonengineering.net

my online professional profile (not yet completed)

custom PHP loads site wide features such as navigation for easy administration

extensive CSS customizations made to adjust site appearance and add functionality

AJAX dynamic loading allows content to be reloaded without reloading the entire page.

JAVASCRIPT manipulates CSS to display/hide contact form.

interface and design images produced using ADOBE PHOTOSHOP

spam resistant e-mail link fetched with AJAX script when requested by user

I designed this site to offer more than just the traditional résumé to prospective employers

Laboratory

Experienced in lab environments: OSCILLOSCOPES, MULTIMETERS, FUNCTION GENERATORS, SOLDERING, POWER SUPPLIES, LABVIEW SIGNALEXPRESS, BREADBOARDS, PSPICE circuit simulation software upcoming MATLAB course this spring semester

Robotics

Experimented with programmable microcontroller based robot as a hobby to learn servo control, infrared control, and obstacle avoidance techniques. The microcontroller was programmed in BASIC STAMP language.

Mathematics

I have already taken all but one of my university's math courses required for my degree program. This means I have studied 3 semesters worth of CALCULUS and an additional semester devoted to DIFFERENTIAL EQUATIONS with LAPLACE TRANSFORMS.

MS-Office

Word, PowerPoint, Excel

**Additional information**

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