Andrew P. Schmitz

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2922 West St. Unit #15 14838 State Hwy. 56

Ames, IA 50011 Adams, Minnesota 55909

Objective

To gain engineering experience through a summer internship

Education

***Iowa State University*** Ames, Iowa

Major: Computer Engineering Cumulative GPA: 3.30

Expected Graduation: December 2012

*Southland High School* Adams, Minnesota

GPA: 3.86

Graduation: May 2008

Work Experience

Ecolab Inc.; Eagan, MN 06/2011-08/2011

* Worked with Configuration Management Database
* Import servers and network devices into database; data validation and verification
* Developed a script to query CMDB and return information about servers and network devices.
* Developed a ProComm Aspect Script to dial and verify Out of Band Numbers

Engineering Distance Education; Ames, IA 10/2008-Present

* Part-time job; On campus work-study
* Student Video Producer; Tape professors’ lectures and post them on the internet for off campus students
* Gained experience using video software and assisting off campus students with basic technical support

Schmitz Electric Co.; Adams, MN 6/2004-Present

* + Part-time job; Family business
  + Plumbers’ and Electricians’ Apprentice
  + Helped with installation of residential and commercial heating and cooling units

Relevant Skills

* Registered Unlicensed Electrician in MN
* Microsoft Office
* Matlab
* LabVIEW Signal Express
* Cadence Pspice
* Java and C Programming Languages
* VHDL Hardware Description Language
* Bash Shell Scripting
* Procomm/Aspect/ Expect Scripting
* HTML/CSS/ JavaScript
* IBM Tivoli Monitoring Software
* Lean Six Sigma
* Perl Scripting
* Visual Basic Scripting
* Linux and Windows Operating Systems
* SQL Queries
* Korn Shell Scripting

Activities and Organizations

* IASG; Member of Information Assurance Student Group
* Secretary of Iowa State’s IEEE (Institute of Electrical and Electronics’ Engineers) Chapter; also a member of the National and Regional Chapter
* Engineers’ Week 2010 Ambassador
* Vice President of Chamberlain Floor in Friley Hall Fall ’09 and Spring ‘10
* 2009 National, and Midwest, Association of College and University Residence Halls (NACURH and MACURH) Conference Delegate for Iowa State University
* Intramural Sports

Honors, Awards, and Achievements

* Academic Recognition Scholarship
* Dean’s List Spring 2010 Semester