

# Jeff Allen Schuler

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## Current Address

907 Vattier Street Apt. #12  
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(785) 317-6637 (mobile)

## Permanent Address

2609 Rogers Blvd.  
Manhattan, KS 66502

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## OBJECTIVE

To obtain an internship in electrical engineering or other related areas for the summer of 2010.

## EDUCATION

Kansas State University, Manhattan, KS

### B.S. in Electrical Engineering

Dual focus in Bioinstrumentation and Communication Systems

Cumulative GPA: 3.62 / 4.0

- ❖ Self-financed 100% of college expenses by working 30 hrs / week and with scholarships.

Expected December 2010

## EXPERIENCE

Kansas State University, Electrical & Computer Engineering Dept. - Manhattan, KS

August 2009 – Present

### Webmaster

- ❖ Designing and programming of Kansas State University wind and solar renewable energy website
- ❖ Maintain remote data feeds, home energy, and power consumption reports
- ❖ Server administrator

The Wildcat 91.9 FM – Manhattan, KS

August 2009 – Present

### Web Director

- ❖ Programming and designing of company website – Voted #1 by Kansas Association of Broadcasters
- ❖ Maintain and update website
- ❖ Server administrator

General Dynamics C4 Systems – Scottsdale, AZ

May 2010 – August 2010

### Electrical Engineering Intern

- ❖ Worked directly with Software Defined Radio Systems development team
- ❖ Designed and coded test drivers and methods in C++
- ❖ Edited and simplified existing code to meet systems coding standards

Kansas State University, Electrical & Computer Engineering Dept. - Manhattan, KS

September 2007 – May 2010

### Lab Instructor

- ❖ Write homework problems and tutorials
- ❖ Hold office hours to assist students with their coursework
- ❖ Grade homework assignments and quizzes

Dairy Queen - Manhattan, KS

April 2004 – May 2007

### Supervisor

- ❖ Opened and closed the store, updated books and handled store bank transactions.
- ❖ Addressed customer concerns while managing and motivating employees
- ❖ Waited on customers and prepared food.

## TECHNICAL SKILLS

- ❖ **Coursework** - Circuit Theory I & II, RF Circuit Design, Electronics I & II, Linear Systems, Bioinstrumentation, Control Systems, Communications Theory, Microcontrollers
- ❖ **Languages** - C, C++, MATLAB, PHP, HTML, CSS, and some Java
- ❖ **Software** - P-Spice, CADENCE, AutoCad, Dreamweaver, Photoshop, FTP, PuTTY, Microsoft programs including Word, Power Point, and Excel, Visual Studio C++, Eclipse IDE, Clearcase / Clearquest
- ❖ **Other** - SMD Soldering, Digital and Analog filters, Circuit Analysis, Programming, Amplifier design and analysis, Thermistors
- ❖ **Equipment** - Spectrum Analyzer, Several medical sensors, Oscilloscope, DAQ, Pulse Oximeter, Function Generator, DMM

## LEADERSHIP AND ACTIVITIES

Boy Scouts of America - **Eagle Scout**

2006 - Lifetime

Kansas State Eta Kappa Nu (HKN) Honor Society – **Initiation Chair**

2009-2010

Kansas State Engineering in Medicine and Biology Society (EMBS) - **Vice President**

Fall 2008 – Present

Kansas State Engineering Student Council (ESC) - **Member**

2008-2009

Boy Scouts of America - **Philmont Crew Leader**

2005

## AWARDS

The Next Big Thing Entrepreneur Competition – 1<sup>st</sup> place in graduate division

2010

Johnson' Engineering Scholarship Recipient

2006-Present

Semester Academic Honors

2006-Present

Kansas State Gold Medallion Scholarship Recipient

2006-2007

Please see attached references