

**Name**  
email address

LeTourneau University  
P. O. Box 7001, CPO xxx  
Longview, TX 75607  
(xxx) xxx-xxxx

Permanent Address:  
XXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXX

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*Seeking a career in the field of electrical engineering. Have interest in, but not limited to, product development, design or test engineering.*

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**EDUCATION:** B.S. in (degree) (dates)  
LeTourneau University, Longview, TX  
GPA:

**SKILLS  
PROFILE:**

Senior Design Project: Currently participating on a six person team for the improvement of a helicopter capable of independent, intelligent flight. Aid in detailed documentation of current flight system and research for improvement of the system. Researched communication link for kill switch device. Researched and developed capacitive fuel monitoring device. Developed software for Ni cRIO 9002 for in-flight data acquisition.

Additional Projects: Have participated on a three-person team involved with control of an inverted pendulum by a PID controller.

Computer: Experience with Matlab 7, Labview 7 & 8, P-CAD 2004, Maple 9, Quartus II, Micro-Cap 8, MS Word, MS Excel, MS PowerPoint, MS Access and MP2 Access 2000. Have assembled own desktop computer and trouble shoot other systems, software and hardware related.

Electrical: Car audio hobbyist, installation and trouble shooting of car audio equipment. Designed and built 10W amplifier, signal generator, FM frequency jammer, FM transmitter, large seven segment display counter, and various other small projects.

**EDUCATIONAL  
HIGHLIGHTS:**

- National Dean's List (dates)
- National Collegiate Engineering Award (dates)
- President's List (dates)
- High School graduation ranking of 3 out of class of 200
- Engineering Honors Society (EPSILON ETA SIGMA)

**WORK**

**EXPERIENCE:**

- Engineering Internship: *General Dynamics VertexRSI., Longview, TX* (dates)
- Reviewed and updated P-CAD schematics.
  - Designed PCB for a daughter board.
  - Worked with T-Tech Quick Circuit for circuit board prototyping.
  - Developed database in MS Access for software asset tracking.
  - Aid in troubleshooting of developing communication control units.
  - Performed temperature testing on a new product line.

- Engineering Internship: *Aaon Coil Products Inc., Longview, TX* (dates)
- Taught self how to operate an automatic coil brazing machine for the company.
  - Provided documentation and training for the operation of the autobrazer.
  - Helped develop and manage preventive maintenance program for company equipment.
  - Hands on HVAC installation and repair experience.
  - Maintenance/repair experience of company equipment.

Additional Experience: Have held several part-time jobs to supplement living expenses. These jobs have included custodial and cashier work. Received junior management award two consecutive years with one job.