

## Matthew Coors

1234 East Road | Salt Lake City | Utah 84526  
801.512.5265 | matthewcoors.utahuniversity@hotmail.com

### Airline Pilot

#### OBJECTIVE

To obtain an electrical engineering apprentice position with leading engineering firm in order to enhance engineering processes and foster innovative energy-efficient solutions.

#### EDUCATION

**Bachelor of Science, Electrical Engineering** – University of Utah, Salt Lake City, Utah  
GPA: 3.8 ; Dean's List December 2004  
Relevant Course Work: Partial Differential Equations; Digital Communication Systems;  
Advanced Circuit Design; Advanced IC Design; Implementation of DSP

#### TECHNICAL SKILLS

**Hardware:** Digital IO and Processor Design; High Frequency Microstrip Microwave Design; Wireless Analog and Digital Communications; Signal Processing  
**Software:** C; Matlab; C++; JAVA; Embedded Software Coding, Linux/Unix Programming; Web Programming; SAP; Oracle

#### PROFESSIONAL EXPERIENCE

**Teaching Assistant**, Electrical Engineering Department – University of Utah  
October 2005 - Present

Present lab instruction and evaluate assignments for 40 students in the undergraduate course, Introduction to Electrical Engineering Lab Methodology. Contributed to designing a comprehensive study manual for students and key terms guide.

**Electrical Engineering Intern** – XYZ Company, Salt Lake City, Utah  
January 2005 - September 2005

*Photovoltaic manufacturer providing solar electric power systems solutions.*

Worked under senior electrical engineers to design PV systems that convert sunlight into electricity. Conducted efficiency and price/watt comparisons on other solar power systems on the market to gather intelligence used for marketing campaigns. Solved hardware problems using logic analyzers and oscilloscopes. Formulated detailed reports for analysis and evaluation. Presented findings to senior management team.

#### PROFESSIONAL AFFILIATIONS

IEEE – The Institute of Electrical and Electronics Engineers  
President, University of Utah Electrical Engineering Society