

Eric Samuel Hammerstrom

30 Calle Contenta #1, Flagstaff, AZ 86001
(928) 266-9441
esh28@nau.edu

OBJECTIVE

INTERNSHIP

A summer internship with an organization where I can apply my education in electrical and computer engineering as well as gain further experience in these fields.

EDUCATION

Northern Arizona University, Flagstaff, AZ

2005 – Present

Bachelor of Science, Electrical Engineering with an emphasis in Computer Engineering

Anticipated Date of Graduation: May 2010

SELECTED COURSE WORK

Capstone Design

Team implementation of a sponsor-accepted proposal culminating in an oral presentation, demonstration, final product, and formal report.

Wireless Networking and Communication

Advanced topic in electrical engineering focusing on the implementation and design of wireless networks and wireless communication.

Embedded Control

Topics include real-time programming, interfacing analog systems and digital computers and interrupt handling procedures using the MSP430 microcontroller.

Software Techniques / Data Structures

Intermediate algorithm design, object-oriented programming, and data structures using the Java programming language.

OTHER SKILLS

Programming: Java, C, C++, MATLAB, Assembly, VHDL

Software: MPLAB, MATLAB, Quartus II, Code Composer Essentials, SPICE, Microsoft Office Suite

EXTRA CURRICULAR ACTIVITIES

Institute of Electrical and Electronics Engineers (IEEE)

2005 – Present

Elected Position: **Treasurer**

2006 - 2008

Responsibilities included running and maintaining an "On Your Honor" concession stand, maintaining records of the group's financial records, making weekly bank deposits, and organizing and ordering food for meetings.

Elected Position: **Chairman**

2008 - Present

Responsibilities include officiating regular IEEE meetings, officiating regular officer meeting, organizing social and extra curricular activities, as well as delegating other specific responsibilities to the proper officer position.

REFERENCES

Available On Request