

# Abdulla Shamsuddin

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Northern Arizona University  
BSE in Electrical Engineering  
Computer Engineering Emphasis  
Expected Graduation Date: May 2014

Flagstaff, AZ  
Cumulative GPA: **3.46**/4.0 Scale  
Major GPA: **3.82**/4 scale  
United States Citizen

## Objective

My objective is to obtain a M.S degree in Electrical Engineering at NAU in pursuit of a career focused in control systems.

## Work Experience

- NAU-Student Union & DuBois Center (11/2011-12/2012)
- Teaching Assistant for Engineering Analysis II
- Lab Assistant for EE310 (Computer Engineering using VHDL)

## Research:

Research is on making artificial body joints with graduate student in Mechanical Engineering and Biology. My part in the research is designing, building and programming the artificial joint using a new method of creating artificial joints. More detailed information is available upon request for some of the information is an intellectual property.

## Educational Experience

### Computer Skills:

- Acquired knowledge in flowing programming languages:
  - C, C++, Matlab, Java, 68k, and VHDL
- Designed and simulated circuits, digital logic, magnetic and electric fields using the following:
  - Mentor Graphics, ModelSim, LabView, and Maxwell3D

### Writing Skills:

- Learned critical writing, design reports, proposals, and rhetorical writing

### Languages:

- English, Russian, Farsi

### Team & Organization Skills:

- Learned to work with other engineers on robot designing, building, and programming. Learned to effectively communicate with team members and listen to their ideas.

### Power Generation/ Transmission Skills:

- Learned how static and magnetic fields work. Time varying electromagnetic fields and Maxwell's equations. Application to traditional circuit theory, RF circuit components, transmission lines, electromagnetic interferences and electromagnetic compatibility.

## Professional Organizations & Clubs

- President of Institute of Electrical and Electronics Engineers (IEEE) chapter at NAU
- Student Support Services at NAU (Student of The Year Award in 2010-2011 Academic Year)

Reference available upon request.