

# Glenn Ferguson

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## QUALIFICATIONS SUMMARY

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- Experienced in leadership positions
  - Writes clearly and concisely
  - Skilled at developing and maintaining professional relationships with clients and coworkers
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### EDUCATION

#### Northern Arizona University

Bachelor of Science in Electrical Engineering  
GPA: 3.2

Flagstaff, Arizona  
Aug 2006 - May 2010

### EXPERIENCE

#### Wulfsberg Electronics

Intern Design Engineer

- Tested VHDL and Verilog programs
- Designed FPGA programs

Prescott, Arizona  
May 2009 - Aug 2009

#### Northern Arizona University Supplemental Instruction

Supplemental Instructor for Electrical Engineering I

- Taught students fundamentals of circuits in Electrical Engineering
- Helped students with learning and studying habits
- Increased class retention and grade point average for the class

Flagstaff, Arizona  
Aug 2008 - Present

#### Northern Arizona University Paint Shop

Residence Life Crew Leader

- Attained leadership experience as a crew leader
- Supervised crews of coworkers and ensured that work was finished efficiently

Flagstaff, Arizona  
Jan 2007 - Aug 2008

### SKILLS

- Skilled at calculations for NMOS and PMOS transistors
- Experienced with lab equipment including oscilloscope, digital multi-meter, and function generator
- Extensive training with interdisciplinary teams
- Knowledgeable in programming in C, C++, Matlab, VHDL, Verilog, and Assembly languages
- Created embedded control and wireless systems
- Experienced with error correcting code

### COURSES

#### Electrical Engineering

Fundamentals of Electronic Circuits, Fundamentals of Computer Engineering, Fundamentals of Electromagnetics, Digital Logic, Microprocessors, Engineering design I/II, Electrical Engineering I, Engineering Analysis I/II, Introduction to Electronics, Fundamentals of Signals and Systems, Embedded Controls, Engineering Design: Methods, Error Correcting Codes, Wireless Communications and Networking

#### Programming

Introduction to Programming, Intermediate Programming, Embedded Control, Error Correcting Codes

#### Math

Calculus I/II/III, Discrete Mathematics, Numerical Analysis, Differential Equations, Linear Algebra

#### Physics

University Physics I/II/III

### ORGANIZATIONS

#### IEEE student member

Northern Arizona University student branch

Flagstaff, Arizona  
Mar 2007 - Present

