**Jesse Chaddock**

[jc476@nau.edu](mailto:jc476@nau.edu)

**Campus Address** **Home Address**

Northern Arizona University 3021 Camino Real

400 E. McConnel Drive #21 Las Cruces, NM   
Flagstaff, AZ 86011 575-642-6234

**Qualification Summary**

* Organized, Detail-Oriented, Precise and Motivated Worker
* Experienced with Engineering Groups and Procedures
* Personable, A Quick Study, Team Player

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**OBJECTIVE:** To Obtain an Entry Level Position in the Field of Electrical Engineering

**EDUCATION:** **Northern Arizona University, Flagstaff, Arizona**

**Major:** Electrical Engineering with Computer Engineering Emphasis

**Anticipated Graduation:** May 2011

**GPA:** 3.56/4.00

**Las Cruces High School, Las Cruces, NM**

**Graduation:** May 2007

**GPA:** 4.1/4.0: Top 1% of Graduating Class

**RELEVANT ENGINEERING GENERAL**

**COURSE WORK COURSE WORK**

* Computer Engineering
* Computer Science II
* Digital System Design
* Data Structures
* Electrical Engineering I
* Embedded Control
* Engineering Design: Process
* Engineering Design: Methods
* Fundamentals of Electromagnetics
* Fundamentals of Signals and Systems
* Introduction to Electronics
* Calculus I/II/III
* Differential Equations
* Discrete Mathematics
* Engineering Analysis I/II
* Introduction to Digital Logic
* Physics I/II
* Microprocessors

**SKILLS**

* Able to program in C, C++, Java, Matlab, Assembly, and VHDL
  + Knowledge of VHDL 2008: practice with 93
  + Robocode robot development
* Experience with basic Microprocessors
* Proficient in Microsoft Word, Excel, Project, and Power Point
* Adobe Illustrator, Photoshop, and Dreamweaver
  + Website design
* Experience with Mentor Graphics
* Extensive experience with group work and team projects
  + Helped design, program, test, and demonstrate robots with a team
  + Worked with a team to install solar panels at Tuba City Junior High School, as well as, provide educational information on alternative energy sources
  + Junkyard Generator
  + Currently helping to create a three-phase power inverter for an Electric Motorcycle
* Experience with lab equipment such as Oscilloscopes, DMM, Function Generators, and Bread Boards
* Experience with ModelSim testing and FPGA’s
* Electromagnetics project
  + 18,750 Volt Van de Graaff Generator

**OTHER**

* Class 2 Men’s competitive Gymnast
* Class 4 State Champion and Regional Qualifier on multiple occasions
* Awarded USAG Club Athlete of the Year