

Jesse Duane Sunderland

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PERSONAL SUMMARY

First year student attending the College of Forestry, Engineering, and Natural Sciences at Northern Arizona University, pursuing a BS in Electrical Engineering. Efficient and diligent worker remains focused on the task at hand. Dean's List in first year and 3rd year at NAU with GPA of 3.56, including multiple engineering classes. Leader and member of multiple top of the class group projects in engineering design classes. Engineering courses completed include: EE 110- Intro. to digital logic, Engineering 186- Intro. to Design, CS 122- Programming for Engineering and Science, EE 188- Electrical Engineering 1, EE 222- Intermediate Programming, EE 215- Microprocessors, EE 280- Intro. To Electronics, EE 380- Fundamentals of Electrical circuits, EE 364- Fundamentals of Electromagnetics, EE 325- Engineering Analysis. 2015 Spring classes: EE 310- Fund. of Computer Engineering, EE 348- Fund. of Signals and Systems, EE 386- Eng. Design

EDUCATION

Northern Arizona University

Bachelor of Science in Electrical Engineering
GPA: 3.56

Flagstaff, AZ
2012-2016

ACHIEVEMENTS

- AIMS Scholarship Recipient
- Northern Arizona University Presidential Scholarship Recipient
- Dean's List Fall 2012 (GPA of 3.73) and Spring 2014 (GPA of 3.82)
- High School Athletics: Lettered in Varsity football 4 years, Varsity Baseball 2 years, Varsity Basketball 1 year

SKILLS

- Knowledge of Microsoft Office Word, Excel, PowerPoint, and Access
- Completion of multiple projects for engineering classes in Excel: use of histograms, other charting methods, use of formulas and functions, and formatting
- Basic knowledge of matrix laboratory language
- Knowledge of C programming
- Knowledge of electrical circuit analysis, including transistor function and use
- Practical use of engineering calculus

WORK EXPERIENCE

Church Technologies: July 2012

- Built speaker storage equipment to be shipped across the country
- Installed entertainment centers in houses of customers

Hubbard Family Swim School: May 2013- July 2013, May 2014-July 2014

- Camp counselor- Monitored and lead children between sports and activities, cleaned up after them, settled disputes and administered appropriate punishments
- Set up camp for each day: sports, lunch, and occasionally handled the paperwork for each child.

VOLUNTEER WORK

Have participated in numerous volunteer projects and trips through church and school including:

- Service projects in Ventura, California 2 years in a row
- 4 missions trips to Bishop and Barstow California
- 2 service trips to deaf school in Mexico
- Volunteer at St. Mary's Food Bank on three separate occasions