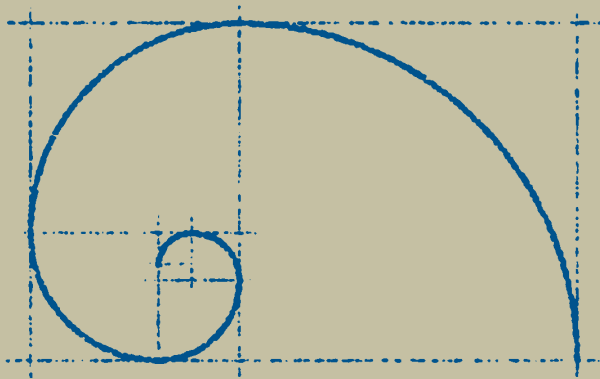




# JOSEPH DAVIDSON

conceptualize | design | create



# Personal Profile

*I am a motivated and hard-working, dependable individual, ready to assume a position within your organization. Creative as well as enthusiastic, with a passion for Engineering. I believe with my knowledge, leadership, and motivation I will be a valued team member in completing any project or task*

## Education

*Northern Arizona University*      2004 - Present      *Flagstaff, AZ*

- *Electrical Engineering Major with a Math Minor*
- *Anticipated BSEE date Dec. '08*
- *Current grade point average 3.4*
- *Computer / Microprocessor programming classes*
- *Electronic Circuit Design Classes*
- *3-D modeling*
- *Engineering design procedure classes*

*Coconino Community College*      2004 - 2006      *Flagstaff, AZ*

- *Visual Basic .Net*
- *Concrete Construction*
- *Emergency Medical Technician*



*Designer / Pilot for 43rd Joint Propulsion RC Plane Competition*

## Proficient at:

### Software

- **Linux**
- **C++**
- **Assembly Languages**
- **Visual Basic .Net**
- VHDL

### Design Applications

- **Solid Works / CAM Works**
- **SolidEdge**
- **G Code programming**

### Website Design

- **Adobe Products**
- **Dynamic HTML**
- **Flash / Actionscript**

## Affiliations

- **Search and Rescue**
- **NAU IEEE**

## Awards / Certificates

- **NAU's IEEE Student of the year 2007**
- **Deans List 2007**
- **EMT Certificate**

# Work Experience

## **Northern Arizona University ITS**

2006-Present

Flagstaff, AZ

NAU's Information Technologies Services manages most computer related services on Campus.

### Student Computing Assistant, Sr.

- Coordinate Campus Image Creation
- Testing / Documentation of new software

## **Northern Arizona University Machine Shop**

2006-2007

Flagstaff, AZ

NAU's Engineering building machine shop is a place set up for students and faculty to fabricate parts for classes, as well as student design competitions.

### Shop Supervisor, Machinist

- Student supervisor
- Fabrication of parts

## **Northern Arizona Tool & Manufacturing**

2005-2006

Flagstaff, AZ

A machine shop in that runs a lot of computer controlled machines. The business makes machined parts for companies such as W. L. GORE.

### Machinist, CNC Programmer

- Programming G Code/Conversational
- Setup/Milling Parts/Fabricating Parts
- Sinker EDM Machining

## **Machine Solutions**

2004 - 2005

Flagstaff, AZ

A company that designs and builds equipment that serves the Medical Device manufacturing industry, particularly stent manufacturing.

### Machinist, Shipping/Receiving, Inventory

- Shipping/Receiving
- Milling Parts / Fabricating Parts
- Ordering

## **StarLite Lanes**

2003-Present

Flagstaff, AZ

A local bowling alley in Flagstaff.

### Machine Repair, Customer Service, Web Master, Web Designer

- Lobby Supervision
- Machine/Lane Maintenance

## **Balina Bay And Pewter**

2001-2002

Flagstaff, AZ

Balina Bay And Pewter creates custom mugs, jewelry and ornaments and distributes them to Renaissance festivals held in the United States.

### Shipping/Receiving, Product Assembly

- Shipping/Receiving
- Product Repair

A handwritten signature in black ink that reads "Joseph Davidson". The signature is fluid and cursive, with the first name "Joseph" and last name "Davidson" clearly legible.

Phone: (928) 221-0940  
Email: [JosephRayDavidson@gmail.com](mailto:JosephRayDavidson@gmail.com)  
2328 North Keystone Dr. ■ Flagstaff, Arizona ■ 86004

*References available upon request.*

A technical drawing of a cube, rendered in a perspective view. The drawing uses solid lines for the visible edges and dashed lines for the hidden edges, creating a three-dimensional effect. The drawing is set against a light gray background with a faint grid pattern.

## Completed Projects

- Junkyard Generator
- OpenMosix Linux Computer Cluster
- [www.StarliteLanesFlagstaff.com](http://www.StarliteLanesFlagstaff.com)
- UAV RC Plane

## Current Projects

- In Car Computer
- Cost Analysis for Cholla Power Plant
- Restoring 73' Capri
- Multi-Touch Monitor