



# Douglas Branstetter

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## Professional Skills

### Mechanical Designer

- Assisted manufacturing engineers in developing tooling requirements and created technical drawings.
- Being detail-oriented I was able to acquire detailed information of existing tooling to create 3D models for tool and fixture redesign.
- Working with customer specifications I designed and created detail technical drawings for custom machines.
- Specified material, determined machining operation, and created detailed drawings using ANSI standards.

### Product Design Support

- Created 3D concept models for new product designs.
- Creating detail technical drawings for the manufacturing of new products.

### Technical Illustration

- I revised and created Illustrated parts breakdown for digital technical manuals using Adobe Illustrator.
- Created technical illustrations to be distributed to the sales and marketing department.
- Created illustrations and technical instructions for custom machine operation, maintenance and repair manuals.

## Education

**Upper Iowa University** (2017 – 2020)

Bachelor of Art, Graphic Design

Cumulative GPA: 3.7/4.0

**Eastern Iowa Community College District** (2015 - 2015)

Certificate of completion, Web Application Development.

**John A. Logan College** (1987 - 1989)

Associate in Applied Science, Computer Aided Design and Drafting

Cumulative GPA: 4.8/5.0

## Objective

I am a highly skilled mechanical designer and drafter with over 30 years of experience. I have an Associate of Applied Science Degree in Computer-Aided Design and Drafting and a Bachelor of Arts degree in Graphic Design, I am looking to use my visual communication skills to acquire a challenging and creative position in an organization as an Industrial Designer intern.

## Work Experience

E91

**Mechanical designer**

November 2017 – June 2019

Geometric Americas Inc.

**3D modeler / Tool Designer**

December 2008 – November 2017

Amsted Rail

**Product Design Support**

October 2001 – December 2008

Planet Tool and Engineering

**Mechanical Designer**

November 1996 – October 2001

Boeing Aerospace Co.

**Technical Illustrator**

June 1989 – November 1996

United States Navy

**Aircraft Mechanic**

February 1983 – February 1987