

# JENNE STEINECKERT

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## EDUCATION

Bachelor of Science at Brigham Young University, Provo, UT, 2008

Major: Mechanical Engineering GPA: 3.43 / 4.00

- Worked part-time at Rocketship, an industrial design company, as a mechanical designer
- Designed drivetrain of Formula SAE car for BYU
  - Designed and fabricated entire rear sub-frame to house differential and support suspension; designed carbon fiber drive shafts

## SKILLS

Extensive SolidWorks and Simulation Experience, including surfaces and parametric models  
Experience in other CAD systems: Pro-E, Catia, Unigraphics, Inventor

## WORK EXPERIENCE

### Design Engineer (Freelance)

*Klecker Knives*: February 2015 to Present

Designing new products in the knife and tool industry.

*FreeRange PDX*: August 2014 to December 2014

FreeRange PDX was a branch of Leatherman Tool Group focused on new innovations, since disbanded. Responsible for CAD, engineering, prototypes, testing, and interacting with suppliers.

### Process Engineer

June 2012 to April 2014

AVX Tantalum Corp.

Biddeford, ME

AVX Tantalum is a leading tantalum capacitor manufacturing company, creating capacitor products for demanding applications like medical devices, satellites, and deep-well drilling. The Biddeford location is the High Reliability site for AVX, which has facilities worldwide.

Responsible for providing engineering support in design, testing and qualification a new line of "Wet" capacitors. Includes extensive product testing, evaluation, and failure analysis. Also supporting existing product lines including process improvements, new machines, new packaging, and training of operators.

### Product Design Engineer

July 2008 to April 2012

Leatherman Tool Group, Inc.

Portland, OR

Responsible for product design for new product launches, including creating 3D and 2D CAD, using FEA for optimized designs, performing Design Failure Modes and Effects Analysis (DFMEA), and supporting marketing and sales by building prototypes. Work with purchasing specialists, manufacturing engineers, and suppliers to achieve on-time launch.

- \$7,000,000 projected revenue over 3 years on the "Squirt/Style" project, as the sole design engineer, with 3 awarded patents and 2 patents pending:
  - USD630924S1, USD627202S1, USD626810S1 (awarded); US20110119834A1, EP2324962A2 (pending)
- \$9,000,000 projected revenue over 3 years on the "Rebar" project as one of two design engineers
- Saved \$44,000 yearly by pliers component re-design based on a 20% reduced warranty return rate

## SPECIAL ASSIGNMENT

### Sr. Mechanical Engineer

Aug. 2011 to Jan. 2012

LED Lenser

Yangjiang, Guangdong, China

Awarded a special project at China facility; responsible for training and supporting a team of mechanical engineers and electrical engineers in New Product Development. Trained team to use Quality Function Deployment document, cost estimate analysis, risk assessment, patent research, and sourcing analysis for all new projects. Designed a complex line of new headlamps, the SEO line. Contributed in leadership and engineering roles to two other new product lines: the M17R and F1 lamps.