

# Stanislav Severyanov

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## OBJECTIVE

Seeking a mechanical/manufacturing engineering position where my high energy, attitude and practical mechanical abilities will contribute to growth and progress in the industry.

## EDUCATION

Bachelor of Science/Mechanical Engineering  
*University of Colorado, Denver Colorado*

December 2014

- Senior Project 2013-2014: Mini Baja SAE Challenge, Designed and built an off-road vehicle to survive the severe punishment of rough terrain. Responsible for fundraising, advertising, cost estimating and budget. Team leader for prototype, design and fabrication of the drivetrain and gearbox. Assembled the engine and vehicle, provided technical direction
- Team Project 2012-2013: Formula SAE Challenge and Pikes Peak Hill Climb Challenge, provided technical assistance to the engine team and assisted in frame fabrication
- Related course work: new product design (lean manufacturing), design of mechanical elements, biomechanics, prototyping, measurements and manufacturing, vehicle instrumentation, finite element analysis, control systems, thermodynamics, statics, dynamics, fluid mechanics, strength and properties of materials, heat transfer

Automotive Technology

09/2003 – 5/2004

*Pickens Technical College, Aurora Colorado*

- Worked towards ASE certification; general automotive repair, diagnostic and troubleshooting

## SKILLS/ABILITIES

- Experience: 3D design, prototyping and hands-on mechanical problem solving; Automotive troubleshooting and repair, highly skilled with hand tools; CNCs, mills, lathes, angle grinders, plasma cutters, band saws, grinders, shears, drill presses, chop saws;
- Specialty: Learning on the Fly, Problem Solving, Written Communications, Drive For Results, Decision Quality, Time Management, Listening, Dealing with Ambiguity, Basic knowledge of engineering design principles and the ability to apply any applicable design guides, Document Control, Strong team collaboration skills and can work closely with team members to achieve engineering goals. Familiar with six sigma, Manufacturing and machining (CNC) experience.
- Software: SolidWorks, AutoCad, ProE, Matlab, Mathcad, Mathematica, MS Excel (macros, visual basic), MS Power Point, MS Word, MS Publisher, HTML editors, Adobe Photoshop, UG/NX Unigraphics, NIDeveloper, NI DAQ, GibbsCAM, SolidCAM

## WORK EXPERIENCE

Mechanical Engineering Intern

05/2014 – 08/2014

*Sundyne Corporation, Ansimag Division, Arvada, Colorado*

- Performed dynamic testing of pumps, designed 3D Solid models of pumps and liners, prepared certified CAD/CAM drawings, created bill of materials, suggested manufacturing improvements, assisted with new product development, Implemented safety submission for the Grassroots Safety Program

Engineering Technician

01/2008 – 12/2011

IDS Group; Kitchen Zilla Inc.

- Run and Maintain CNC Equipment and related machinery, 3D Design and 2D CAD drawings, Hands on machine shop experience with installation, operation, repair and maintenance of CNC machines.

Skilled Carpenter

01/2005 – 07/2007

Kitchen Distributors, Englewood, Colorado

- Installed, modified and improved high-end, custom kitchen cabinet installations

Tile Setter

01/2004 – 06/2005

*Custom Tile Creations, Aurora, Colorado*

- Designed and installed custom, mosaic, tile features for new residential developments

Shift Manager

08/2003 – 05/2004

*HighTek Tan, Aurora, Colorado*

- Provided customer service and sales, performed equipment service and maintenance

## PROFESSIONAL MEMBERSHIPS

American Society of Mechanical Engineering (ASME), Society of Automotive Engineers (SAE)

## LANGUAGES

- English - Fluent, Russian Fluent