

# DAN CHELIUS

## MECHANICAL ENGINEER

### PROFILE

I am a mechanical engineer seeking a full-time position in the field of product design and development.

I aim to apply my technical knowledge and skills in a team project environment in order to create products that are well crafted and thoughtfully engineered.

### SKILLS

Siemens Unigraphics NX	● ● ● ● ●
Creo Parametric	● ● ● ● ●
Solidworks	● ● ● ● ●
Inventor	● ● ● ● ●
Fusion 360	● ● ● ● ●
AutoCAD	● ● ● ● ●
MATLAB	● ● ● ● ●
Microsoft Office	● ● ● ● ●
Design Methodology	● ● ● ● ●
Rapid Prototyping	● ● ● ● ●
Machining	● ● ● ● ●
Basic Electronics	● ● ● ● ●

### CONTACT ME

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Portfolio www.danchelius.com

### EDUCATION

B.S. Mechanical Engineering  
SUNY University at Buffalo  
Dean's List, Fall 2015

**AUG 2012**  
-  
**MAY 2016**

### WORK EXPERIENCE

CAD Engineer, Cobra Puma Golf  
Carlsbad, CA

**JULY 2016**  
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**PRESENT**

- Create and refine new and existing 3D CAD of iron golf club heads using Siemens NX software.
- Integrate conceptual sketches from industrial designers into 3D CAD using a wide range of modeling techniques and problem solving to achieve the necessary aesthetics and specifications.
- Modify and adjust iron head construction in order to improve overall mass properties of golf club.
- Generate and analyze rapid prototypes of CAD models with the use of 3D printers.
- Communicate with project lead and development engineers to ensure project is on schedule and meets deadline.
- Document product design specifications and communicate engineering drawings with outside vendors.

Intern, James E. Fitzgerald Inc.  
New York, NY

**SUMMER 2015**  
**SUMMER 2014**

- Assisted superintendents on multiple job sites with a variety of tasks including: engineering drawing review and interpretation, subcontractor scheduling and client meetings.
- Helped with gantt chart job schedule development.
- Interacted with a variety of subcontractors, engineers and project managers.
- Developed strong communication and interpersonal skills.