**Mark J. Sullivan**

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**Mechanical Engineering & Design**

Design for Manufacturability ● 2D & 3D Design & Drafting ● Hands-On

I am a mechanical engineer with experience in mechanical, electro-pneumatic, water and hydraulic systems. I have worked professionally with SolidWorks 3D modeling as well as AutoCAD 2D. I can manage several long-term, large scale projects at once. I’m a team player and work well across disciplines and with people from all backgrounds. I am looking for a technical position where I can continue to learn and grow in the engineering profession.

**Professional Experience**

**Consarc Corporation ● Rancocas, NJ ● 2008 – 2015**

Consarc is a strategic part of one of the world’s largest groups developing technologies for the melting and processing of high-performance metals and alloys.

**Production Manager**

* Coordinate project workflow through all stages
* Work closely with sales, clients, engineering and manufacturing teams
* Interpret engineering intent to include design for manufacturability
* Analyze technical drawings to generate production work orders
* Create a sequence of operations for fabrication and assembly
* Specify machine components and material requirements
* Work with shop personnel to resolve manufacturing issues

**Schickling Tool and Engineering Co. ● Runnemede, NJ ● 2007**

Schickling Tool was a small machine shop that provided services for local business and industry.

**Machinist**

* High precision machining: +/-0.003”
* Trained with an experienced Tool and Die Maker
* Manual machines used: mill, lathe, grinder, shaper, boring machine, drill press and band saw

**Metrologic Instruments Inc. ● Blackwood, NJ ● 2006**

Metrologic is a leading manufacturer of high-performance image-and laser- based data collection hardware (bar code scanners).

**Mechanical Engineering Technician**

* 3D mechanical design and drafting
* Machining and assembly of automated test apparatus
* Quality control and process documentation

**DynaPower Corp ● Burlington, VT ● 2004**

**Mechanical Engineering Internship**

* Manufacture and assembly of industrial power equipment
* Mechanical and electrical hand tools were used

**Proline Mechanical Electrical Contractors ● Westville, NJ ● 2001**

**Electrician’s Apprentice**

* Wire new construction residential buildings
* Wire large commercial buildings, offices and large scale lighting
* Theory of electrical systems was stressed and local codes were followed
* Hand tools and power equipment were used

**Ellsworth Salvage Co ● Camden, NJ ● 1998-2006**

**Mechanic**

* Refurbish tugboats from painting to engine maintenance
* Maintained mechanical equipment and water pumps
* Repaired barges by patching holes in the hull
* Participated in a barge flipping project on the Delaware River
* Lead mechanic on pile driving projects along the Delaware River shoreline
* Used hand tools, electrical and mechanical equipment, forklifts and oxy-acetylene torches

**Restor-A-Dek ● Souther New Jersey Area ● 1996-1998**

**Carpenter’s Apprentice**

* Construction of decks
* Power washing, treating and staining decks
* Used hand tools and an industrial power washer
* Residential wood-frame construction
* Hang drywall, install windows and doors, interior trim, prepared foundation sites

**Activities**

Hiking, Fishing, Triathlon Sports, Reading, Writing, Guitar, Movies, Painting

**Education**

Camden County Community College Blackwood, NJ

**Associate of Science, Engineering Science** 2008

**Associate of Science, Mathematics** 2008