

An innovative professional, with 5+ years of product development experience, in consumer and industrial markets.

**Key Strengths and Achievements**

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- Gold Medal New Product Development, Handheld Medical Device: 2011 Edison Awards
- Adobe CC (Indesign, Photoshop, Illustrator, Acrobat Pro) 10 years
- 2D/3D CAD (Solidworks, AutoCAD, Alias, Maya, Blender) 8 years
- Additive manufacturing (3D printing) 7 years
- Project and financial management including: LEAN, TQM methodologies.
- International travel/business experience: China, India, Central America, Europe.
- Eagle Scout Award: Boy Scouts of America
- Contributor to open source projects including: 3D printing technology, GNU/Linux, SCUBA rebreathers
- Oneida County Sheriff's Department Underwater Search and Rescue Team: Community Outreach/Badge Design

**Professional Experience**

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**Product Designer**

*Twin Disc Inc - Racine, WI*

*2014-present*

- Piloted new software solution integration and workflow methodologies.
- Participated on multiple international product development teams for digital and analog controls, high power transmissions and marine propulsion systems.
- Managed creation and documentation of new products utilizing injection molding, investment/sand casting, forging and machining, for both low and high volume production environments.

**Layout Drafter**

*Twin Disc Inc - Racine, WI*

*2012-2014*

- Responsible for the production of technical documentation for numerous product development projects.
- Worked closely with the Control Systems group developing documentation and 2D/3D documentation for land-based and marine product lines.
- Worked closely with Marine Propulsion group developing documentation and 2D/3D documentation for the Arneson product line.

**Product Development: Industrial Design, User Interface**

*GeaCom Inc - Duluth, MN*

*2010-2011*

- Lead industrial and user experience design development for the Edison Award Gold winning *Phrazer*.
- Enhanced production efficiency, proposed savings of over \$120,000 in tooling costs and \$250,000 in annual production costs.
- Utilized advance technologies: 3D printing and rapid PCB prototyping to evaluate and develop solutions for product development and service concerns.
- Coordinated interdisciplinary task forces: Android developers, electrical/mechanical engineering, marketing, product service, production, finance, sales.
- Synchronized communication between SME's, clients, and investors.
- Researched production specifications, costs, materials and manufacturing methods, and provide cost estimates and production requirements.

**Store Manager, Dive Master**

*Timber Bay Sport and Dive Center – Woodruff, WI*

*2007-2009*

- Provided exceptional customer service and responded to customer inquiries while directing and supervising employees and monitoring sales activities to ensure customers receive outstanding service and quality merchandise.
- Managed the employee schedules and duties, and maintained safety, health, and security policies and regulations.

**Formal Education**

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<b>MBA</b>	<i>Milwaukee School of Engineering</i>	<i>2012-2016(expected)</i>
<b>BFA: Industrial Design</b>	<i>Milwaukee Institute of Art and Design</i>	<i>2005-2009</i>