

NOW

Mechanical designer and engineer with 10 years of experience
seeking position in product design and development.

PROFESSIONAL EXPERIENCE

- Mechanical Design Engineer** *Intel Corp., Santa Clara, CA* **4/13-5/19**
- Performed mechanical design of optical transceiver components, including specs, tolerances, and documentation to meet performance, cost and manufacturability goals.
 - Supported the design team as administrator of Solidworks ePDM and as 3D printing design guru and machine operator.
 - Designed fixtures and tooling to support transceiver prototyping, testing, and volume manuf.
- Contract Mechanical Engineer** *Radius Product Development, Clinton, MA* **6/10-8/10**
- Designed compacts for a leading cosmetic company.
 - Performed testing on an industrial fluid flow product.
- Contract Mechanical Engineer** *Cambridge Consultants, Cambridge, MA* **3/10-6/10**
- Participated in design iteration phase of the development of a new medical device. Worked with rapid prototypers to produce working models for use in user studies and animal trials.
- Mech. Design and Machining Consultant** *IMP LLC, N. Grosvenordale, CT* **6/09-3/10**
- Lent support for design and manufacturing of prototyping and low-production-run machined components for various industries.
- Product Development Designer** *Hardigg Industries, South Deerfield, MA* **9/07-6/09**
- Designed new parts for plastic injection molding, machining, and foam lamination.
 - Oversaw prototype manufacture, testing, and early stages of production of new products.
- Contract Designer/Drafter** *Luxtec Corporation, West Boylston, MA* **7/07-8/07**
- Designed and drafted components of a new medical device.
- Prototype and Design Engineer** *IMP LLC, N. Grosvenordale, CT* **5/06-7/07**
- Developed company's first original product, an innovative skate vehicle. Invented, designed, engineered, and manufactured first prototype. Wrote the first draft of the patent.
- CAD Operator/Engineering Intern** *Morgan Construction Co., Worcester, MA* **6/04-8/05**

Engineering Software Applications: **SolidWorks, SolidWorks ePDM, Solid Edge**

EDUCATION

- Master of Science, Mechanical Engineering**
Stanford University, Stanford, CA **9/10-3/13**
- Focused on product design and manufacturing. Personally made parts with manual mill, manual lathe, CNC mill, injection molding, RTV silicone, 3D printing, and laser cutter.
- Bachelor of Science with High Distinction, Mechanical Engineering**
Worcester Polytechnic Institute, Worcester, MA GPA: 3.9 **8/03-5/06**
- **Major Qualifying Project:** Designed, engineered, and manufactured a working prototype of a new wheelchair. Design presented at a leading technical conference two years after graduation.
- Actuarial Mathematics Student**
Bryant University, Smithfield, RI GPA: 3.8 **8/02-5/03**
- Transferred credits to WPI to pursue education in Mechanical Engineering.
- Tourtellotte Memorial High School, N. Grosvenordale, CT* GPA: 4.0, Salutatorian **6/02**