

# Benjamin Light

<http://blightdesign.com> | [ben@blightdesign.com](mailto:ben@blightdesign.com)

## Specialties

Product Design, Mechanical Engineering, Rapid Prototyping, Design for Manufacturing, Traditional and Digital Fabrication, CAD, CAM, CNC, Electro-mechanical Assemblies, Robotics, Physical Computing, Analog Electronics, Small-scale Manufacturing, Adobe CS, UI/UX, Creative Direction, Managing

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## Experience

### **Product Design Engineer** at B.Light Design

July 2007 - Present

B.Light Design specializes in designing and manufacturing functional prototypes. We create everything from robots to consumer products and housewares. Projects are taken from concept to product for clients such as Crate & Barrel, the MoMA Design Store, and Lindsey Adelman Studios. We also consult for desktop manufacturing companies and a variety of artists on design, usability, and fabrication.

### **Adjunct Professor/Research Fellow** at New York University ITP

September 2014 - Present

Over the last several years, I have conducted research into an array of engineering topics, including custom CNC machines, mechanism design, and low-cost finishing techniques. I created ITP's online fabrication presence -- website, video tutorials, and hardware documentation. And, I developed and taught classes on [traditional](#) and [digital fabrication](#), [gantry robotics](#), [engineering kinetic objects](#), and [art toy design](#).

### **Senior UI/UX Designer** at SelectMinds

December 2000 - July 2011

I led a web development team and oversaw the release of several digital product lines.

### **Hardware Engineer** at Lucent Technologies

August 1998 - August 2000

I led the physical design team for the IP Phone. We designed plastic and sheet metal housings for voice over IP products and trained the assembly line staff.

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## Education

**New York University** - MPS, Interactive Telecommunications Program (ITP), 2011 - 2013

**Lehigh University** - BS, Mechanical Engineering, 1994 - 1998

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## Exhibitions and Talks

Neon - 2018

American Design Club, *Built* - 2018

MAD Museum, *In the Studios* - 2016

Dumbo Arts Festival - 2014

MAD Museum, *Open Studios* - 2013

MoMA Design Store - 2013

Apartment Therapy, *Design Evenings* - 2013

Sketching in Hardware - 2013

Core77 Open - 2012

American Design Club, *THREAT* - 2012

American Design Club, *Use Me* - 2011

Cameron Art Museum, *Toying with Art* - 2009