

# 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 the design and manufacturing of functional prototypes. We create everything from robots to consumer products and homewares. Projects are taken from concept to product for clients such as Crate & Barrel, the MoMA Design Store, and Lindsey Adelman Studio. We frequently collaborate with artists to help them create rich, interactive experiences. We regularly contribute editorial and educational content to digital fabrication and lifestyle companies. At B.Light Design, we have extensive experience leading and working on highly collaborative, multidisciplinary teams.

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

September 2014 - Present

Over the last several years, I have conducted original research into custom CNC machines, tangible interfaces, and mechanism design. I created ITP's online fabrication program -- website, video tutorials, and hardware documentation. And, I developed and taught graduate-level curriculum for [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 through several product life cycles and product launches. I managed timelines and communications with external stakeholders. I oversaw product testing and analysis.

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

August 1998 - August 2000

I led the VoIP physical design team and trained the assembly line personnel.

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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