

NICHOLAS BLANKS

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Languages: English & Spanish

Experience

24M Technologies, Cambridge, MA
Associate Mechanical Engineer

May 2014 – September 2014

- Designed and created fixtures for use by the everyday operations team
- Designed and purchased systems to increase daily production volumes
- Redesigned and optimized manufacturing components and processes
- Aided in overseeing and troubleshooting daily battery cell builds

24M Technologies, Cambridge, MA
Mechanical Engineering Co-Op

July 2013 – December 2013 f/t
January 2014 – April 2014 p/t

- Designed components and assemblies for proof of principle manufacturing devices
- Aided in the creation of fixturing and automated assembly processes based on current processes

Parker Aerospace, Naples, FL
Manufacturing Engineering Co-Op

July 2012 – December 2012

- Designed future manufacturing floor and office area based on lean engineering principles
- Coordinated efforts for executing the physical transformation of the manufacturing floor

Medica Corporation, Bedford, MA
Mechanical Engineering Co-Op

July 2011 – January 2012 f/t
January 2012 – May 2012 p/t

- Designed parts and fixtures to support testing and prototype development
- Redrew outdated part drawings into Solidworks

Skills

- Solidworks
- Manual Mill
- Arduino
- Adobe Creative Suite
- Manual Lathe
- Basic HTML/JS/CSS

Education

Northeastern University, Boston, MA
Bachelor of Science in Mechanical Engineering
GPA: 3.67

May 2014

Interests

- Running
- Bouldering
- Jeopardy!