**NICHOLAS BLANKS**

**161 Hampshire St. #3R | Cambridge, MA | +1 978 818 5050| nrblanks@gmail.com**

**Languages: English & Spanish**

**Experience**

**24M Technologies,** Cambridge, MA **May 2014 – September 2014**  
Associate Mechanical Engineer

* 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 **July 2013 – December 2013 f/t**  
Mechanical Engineering Co-Op **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 **July 2012 – December 2012**  
Manufacturing Engineering Co-Op

* 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 **July 2011 – January 2012 f/t**  
Mechanical Engineering Co-Op **January 2012 – May 2012 p/t**

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* Redrew outdated part drawings into Solidworks

**Skills**

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

**Education**

**Northeastern University, Boston, MA May 2014**Bachelor of Science in Mechanical Engineering  
**GPA:** 3.67

**Interests**

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| * Running | * Bouldering | * Jeopardy! |