

## **Luke Metz**

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### **EDUCATION**

**Franklin W. Olin College of Engineering**      Needham, MA  
Candidate for Bachelor of Science in Engineering      May 2015  
Current GPA 3.94  
Recipient of 4-year, 50% Olin Merit Scholarship  
Engineering major with a concentration in computing.

**Champlain Valley Union High**      Hinesburg, VT  
GPA 4.0      Class of June 2010

### **EXPERIENCE**

**Onshape, Inc.**      Cambridge, MA      Summers 2013, 2014  
The first intern hired for a growing, well-capitalized start-up looking to revolutionize CAD software. Research and development intern working in graphics, user interface, backend and other areas.

**Pivotal Labs**      New York, NY      Summer 2012  
Software Engineering Intern, IOS developer.

**Olin College**      Needham, MA      Fall 2012 - Present  
Member of Olin Robotics and Bioinspiration Lab, ORB. Doing research into small scale, under-actuated legged robots under the direction of Professor Aaron Hoover.

**Olin College**      Needham, MA      Fall 2011 – Spring 2012  
Member of a small research team working on Infinite Z's zSpace device—a virtual-holographic visualization platform—under the direction of Scott Harris, Distinguished Visiting Designer.

### **SKILLS**

Computer: Adobe Photoshop, Adobe InDesign, Maya, Blender, SolidWorks  
Languages: C++, C, Python, Java, Objective-C, Javascript, MATLAB and experience with OpenCL, OpenGL, GLSL shaders, PHP, Unity3D, C#, HTML, CSS  
Experience with Arduino and dsPIC microcontroller programming  
Experience with various Linux distros, Mac, and Windows  
Experience with open source 3D printing and laser cutter technology. Assembly of a MakerBot Cupcake CNC used to make a RepRap Mendel.

### **LEADERSHIP AND ACTIVITIES**

Dedicated interest in graphics programming, game development technologies, and procedural content generation with many independent projects undertaken to explore these areas.