



Welcome to Hack New England  
High Schools 2016!





October 8<sup>th</sup>, 2016 8:00AM – 8:30PM

Microsoft SMSG, 5 Wayside Road, Burlington, MA, 01803

<b>8:00AM – 8:30AM</b>	<b>Registration and team formation</b> Light breakfast	Conference Room
<b>8:30AM – 9:15AM</b>	<b>Opening ceremonies</b> Welcome 8:30AM – 8:35AM Keynote speaker Bobbie Carlton 8:35AM – 8:50AM Sponsor Intros: Liberty Mutual and DE Shaw 8:50AM – 9:00AM Nuts and Bolts 9:00AM – 9:15AM	Conference Room
<b>9:15AM – 6:30PM</b>	<b>Hacking period</b> Lunch Around 12PM Dinner Around 6PM	Conference Room
<b>9:25AM – 12:00PM</b>	<b>Workshop session</b> Website design by Matt Macarty, Bentley University Ideation by Marvin Vilma, MIT launch Javascript by Liberty Mutual	Workshop Locations will be announced
<b>6:30PM – 8:00PM</b>	<b>Hacking submission demo &amp; judging</b> Demo & judging rounds 1 and 2	Conference Room
<b>8:00PM – 8:30PM</b>	<b>Closing ceremonies</b> Keynote speaker Vicky Wu Davis 8:00PM – 8:15PM Awards 8:15PM – 8:30PM	Conference Room



Hello high school and middle school hackers, and welcome to Hack New England High Schools 2016! We are excited to have you, regardless of your skill level and knowledge of coding. Hope you make the most out of this day of coding, learning, and fun. For beginners, we are dedicated to make sure you all enjoy learning the basics of coding with awesome mentors and workshops. Otherwise, enjoy this amazing experience brainstorming and collaborating with your peers. Let's all innovate!

## **Workshops (Morning times will be announced)**

- Ideation by Marvin Vilma, MIT Launch
- Web Development by Matt Macarty, Bentley University
  - The webpages for this workshop are available on this github repository for the hackathon: <https://github.com/mjmacarty/hackathon>.
- JavaScript by Liberty Mutual

## **Start Guide for Participants**

A start guide for beginning/intermediate hackers is available at [www.hacknehs.com/start-guide.pdf](http://www.hacknehs.com/start-guide.pdf). This guide will introduce you to the tools, frameworks, and deployment methods needed for your projects.

### **'Get Sh\*t Done Kit' Short Description and Usage**

'Get Sh\*t Done' kit is a beautiful resource built for Bootstrap. We have redesigned all its components to make it look flat, minimalist and easy to use. Using it is very simple and it will enable you to refresh your classic-looking application. To get the desired effect you will also





need to integrate JS plugins that takes a little bit more effort. In the end the result will be worth it.

## Getting Started

The 'Get Sh\*t Done' kit is built on top of Bootstrap 3, so you can safely use it on your existing or new Bootstrap project. No code from Bootstrap 3 will be changed, so you don't have to worry about undesired effects to your work.

We provide all the necessary CSS resources. To get going, just include 'css/get-shit-done.css' in your HTML template. Your project will get the new look.

The easiest way to start is to use our start-up template where all the files are already included and ready to use.

For the Get Sh\*t Done Pro use this link:

<http://www.creative-tim.com/product/get-shit-done-pro?voucher=hacknehs>

and the coupon code: hacknehs-voucher.

For Material Kit Pro use this link:

<http://www.creative-tim.com/product/material-kit-pro?voucher=hacknehs-mk>

with the coupon code: hacknehs-voucher-mk.

## Mentors

Mentors will help you and your team come up with initial ideas, debug programming problems, and/or suggest ways to improve your idea. If you are ever in need of help, make sure to ask a mentor, who will be fairly knowledgeable in a wide range of topics! They will be wearing bright, orange t-shirts, easy to spot.



## Main Prizes

- **1st Place:** \$1K 1517 Grant for team, \$500 Catapult Tuition Award for each team member
- **2nd Place:** Black Pebble Round Time Watch for each team member
- **3rd Place:** QC1 Drones for each team member
- **Most Entrepreneurial:** MIT Launch SWAG & \$500 Catapult Tuition Award for each team member
- **Most Investable:** \$500 Catapult Tuition Award for each team member
- **Most Exciting/Fun Hack:** Sphero SPRKs for each team member
- **Most Improved:** Arduino Starter Kits for each team member
- **Most Creative:** MIT Launch SWAG and Google Cardboard for each team member
- **Sponsr.us Prize:** \$250 sponsr.us Grant for team

## Judging Rubrics

### User Interface / User Experience

- Does the UI look professional/fun?
- Is the project easy to understand and use?
- How well does the project flow? Does it feel like one cohesive project or a collection of features thrown together?

### Creativity / Innovation

- Was the idea unique, or a spinoff of an existing app/website? (if the idea is ordinary but the execution is well done, at least a score of 3 is warranted)
- Is there an ambitious concept? Does it solve a problem in a way you wouldn't have thought of?



### Overall Awesomeness

- Does it work? Did the team execute on their initial visions? (if it works and they reached their goals, at least a score of 3 is warranted)
- Is the project technically difficult? Did the team utilize their technology stacks properly?
- Is it a cool project, considering the 9-hour time frame? How awesome is it?
- Is it something that you would want to make if you had heard the idea beforehand?

### Miscellaneous Stuff

- Announcements will be made over the speaker system and on Slack.
- If you need help getting started, go to one of the workshops or check out our starter guide!
- If you need a mentor, find one of us and we'll get you one, or use the Slack chat to find someone.
- There are four conference rooms; claim them quickly!

### Code of Conduct

hackNEHS is dedicated to provide a harassment-free experience for everyone, regardless of gender, gender identity and expression, age, sexual orientation, disability, physical appearance, body size, race, ethnicity, nationality, religion, previous hackathon attendance or computing experience (or lack of any of the aforementioned). We do not tolerate harassment of hackathon participants in any form. Sexual language and imagery is not appropriate at any hackathon venue, including hacks, talks, workshops, parties, social media and other online media. Hackathon participants violating these rules may be sanctioned or expelled from the hackathon at the discretion of the hackathon organisers.

Adapted from: <http://hackcodeofconduct.org/>.



Hack New England High Schools wouldn't be possible without Microsoft  
for providing an outstanding venue,



As well as our amazing sponsors:



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1517



Make sure to checkout their websites, Facebook pages, Instagram, Twitter, and other forms of social media!