

# Andy Creeth

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## EXPERIENCE

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Software Engineer | Yesware, Inc. – Boston, MA

Jan '13 – Present

- ➔ Full stack developer using Ruby on Rails and Backbone JS.
- ➔ Transitioned a monolithic backend to a micro-service architecture, and scaled to support a rapidly growing user base.
- ➔ Helped lead the way on the transition from framework-less JavaScript to Backbone and established best practices and style.
- ➔ Developed frontend technical interview process and interviewed more than 35 engineering candidates.

Software Intern | MIT Lincoln Laboratory – Lexington, MA

May '12 – Aug '12

- ➔ Designed and developed a Linux device driver for a PCI multi-frequency clock generator, along with a user-space library, command line interface utility, and graphical user interface for controlling clock speed.
- ➔ Identified and implemented a bit-packing scheme to improve storage efficiency of high volume ADC data by 25%.

## EDUCATION

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Worcester Polytechnic Institute – Worcester, MA

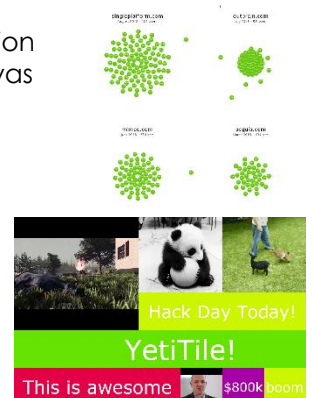
Aug '10 – Dec '12

B.S. Electrical & Computer Engineering | GPA – 3.9

## PROJECTS

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- ➔ Used 2 years of historical SaaS user-signup data to build an animated data visualization that illustrates viral user spread within a company or organization. The visualization was written using the Processing language.
- ➔ Built a web app that allows users to post text, images, animated GIFs, or YouTube videos which are dynamically arranged into a central grid display. The display layout dynamically resizes and rearranges content based on recent submissions and user up-votes. Popular and recent submissions are largest, and old content gets smaller until it drops off the display entirely.



## SKILLS

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Ruby

Ruby on Rails

HTML

JavaScript

Backbone JS

CSS

## INTERESTS

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Video Games

Hiking

Backpacking

Music Production

Mountaineering