Andy Creeth

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EXPERIENCE

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%.
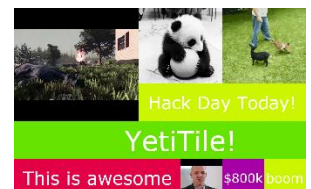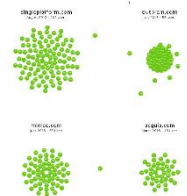
EDUCATION

Worcester Polytechnic Institute – Worcester, MA   2010 – 2012

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

PROJECTS

➜ 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

Ruby	Ruby on Rails	HTML
JavaScript	Backbone JS	CSS

INTERESTS

Video Games	Hiking	Backpacking
Music Production	Mountaineering	