

RYAN MITCHELL

ryan.e.mitchell@gmail.com • <http://ryanemitchell.com> • (617) 863-0736

3600 Mystic Valley Pkwy • Apt W705 • Medford, MA 02155

EXPERIENCE

Software Engineer, LinkeDrive Inc.

Boston, MA *Nov 2013 - May 2016*

- Independently developed REST API with Jersey, Hibernate, JAX-RS
- Refactored major sections of server code base
- Turned terabytes of XML into fast, usable product features

Solutions Architect, Velir Studios

Somerville, MA *Dec 2012 - Oct 2013*

- Technical liaison between clients and developers for large, high-budget web projects (Bayer CropScience, Population Reference Bureau)
- Drove client meetings to identify project requirements, risks, proposed technical solutions

Software Engineer, Abine Inc.

Boston, MA *Jan 2012 - Dec 2012*

- Developed advanced Drupal e-commerce site and modules
- Built web scrapers, auto-faxing and mailing tools, to automate searches and opt-outs from “people search” sites
- Reduced time spent generating customer reports by 85%

User Experience Architect, Mobiquity Inc.

Wellesley, MA *Jun 2011 - Dec 2011*

- Performed user research, developed personas, wireframes, functional prototypes for multiple clients
- Worked on 3-person team to design in-store ordering kiosk and mobile app for Panera Bread

Web Developer, Harvard University

Cambridge, MA *Jul 2009 - Aug 2010*

- Designed and developed social collaboration website for researchers and academics
 - Developed custom Drupal modules w/ API integration
 - Identified and eliminated security vulnerabilities in two PHP sites
-

INTERNSHIPS

- **MITRE Corporation** Bedford, MA *Summer 2008*
 - **RotorWay International** Chandler, AZ *Summer 2007*
 - **Microsoft Corporation** Redmond, WA *Summer 2006*
 - **Sun Microsystems** Burlington, MA *Summer 2005*
-

TECHNOLOGIES

Languages: Java, Python, C, PHP, JavaScript, Bash, R

Software: Github, AWS, Apache, Tomcat, Eclipse

Other: SQL, HTML, CSS

EDUCATION

Masters, Software Engineering, with graduate certificate in Data Science

Harvard University Extension School *2016*

Bachelors, Engineering

Olin College of Engineering *2011*

Associate of Science

Pierce College *2006*

PUBLICATIONS

Web Scraping with Python

O'Reilly Media *Jun 2015*

Instant Web Scraping with Java

Packt Publishing *Aug 2013*

Olingua Franca: Creating Secure Networked Control Systems

Olin College Senior Project *May 2011*

SPEAKING

DataDay, Austin TX *Jan 2016*

“Spelunking the Web with Python”

DEFCON, Las Vegas NV *Aug 2015*

“Separating the Bots from the Humans”

DataDay, Seattle WA *Jun 2015*

“Web Scraping with Python”

Various Boston Meetup groups 2013-2016

OTHER

Freelance Consulting *2013 - Present*

- Advise clients, primarily finance and retail, on project feasibility and approaches
- Perform data collection and analysis, develop software prototypes

Volunteer, Boston Museum of Science

Aug 2013 - Present

- Teach mechanics, design, electrical and software engineering, to children and teens

Founder, DrawTop *Aug 2011 - Mar 2013*

- Developed Drupal e-commerce site
- Product featured on Gizmodo, ZDNet