Raymond J. **Cox**

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Work Experience

PetPocketbook   *Cambridge, Massachusetts*
LEAD ENGINEER   *Nov. 2016 - Present*

- Started as the only engineer on a large web application relied on by over 5000 people.
- Immediately developed a large complex feature right after joining.
- Interviewed and helped hire our second engineer.
- Rebuilt invoicing system to be faster, more reliable and look nicer. Page load time went from 30 seconds to less than 1 second.
- Helped increase our unit test coverage from 20% to more than 75%.
- Developed all features without any help or guidance from past engineers.
- Utilized Ember, Rails, Postgres and AWS.

RallyPoint Networks   *Watertown, Massachusetts*
SENIOR SOFTWARE ENGINEER   *Feb. 2015 - Nov. 2016*

- Worked on large Ember and Rails application.
- Implemented a new deploy process for Ember utilizing Redis and S3 which significantly increased developer productivity.
- Worked with product managers to create an in house A/B testing framework.
- Wrote critical code for the new "home" feed where members could see personalized feeds.
- Mentored new engineers, teaching them about the code base and answering questions.

Decision Resources   *Burlington, Massachusetts*
SOFTWARE ENGINEER   *June 2013 - Feb. 2015*

- Developed an automated system responsible for delivering critical time sensitive data to customers.
- Assisted in moving core code base over to AWS (Amazon Web Services).
- Created an auto scaling solution with CloudFormation.
- Developed features and squashed bugs on Rails and Ember sites.
- Added RSpec tests to backend APIs.

IBM   *Littleton, Massachusetts*
SOFTWARE ENGINEER IN TEST   *June 2012 - June 2013*

- Built an automated testing framework for WODM (Websphere Operational Decision Management) utilizing Java and Selenium.
- Manually tested WODM on different platforms using various Java Application Servers (Tomcat, JBoss and WebSphere).

Education

University of Cincinnati   *Cincinnati Ohio*
BACHELOR OF SCIENCE, COMPUTER SCIENCE   *Sept. 2007 - June 2012*

- I had three internships and was treasurer of the ACM

Recent Projects

Flash cards
HTTPS://GITHUB.COM/RAYMONDJCOX/FLASH-CARDS-FE   *Feb. 2018*

- Flash card application written in React with a Rails API.

Deep work
HTTPS://GITHUB.COM/RAYMONDJCOX/DEEP-WORK   *May 2018*

- Visualization and productivity timer written in Python and vanilla Javascript.

Skills

Programming	JavaScript, Ruby, Python, SQL, Rust (learning), Java (past), C (past), C# (past)
Web	Rails, Flask, Ember.js, React, HTML, CSS, SASS
Technology	AWS, Google Cloud, CloudFormation, Postgres, Git, Unix