

# CHRIS PACHOMSKI

## WEB DEVELOPER/ENGINEER

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## Summary

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Web Developer with a background in biomedical engineering and music. From designing a magnetically controlled implant for bone fractures to creating a full JavaScript web application that emulates Github for mp3 tracks, I love solving technical problems with fun and creative solutions. I'm looking for opportunities to immerse myself in new technologies and collaborate with like-minded developers.

## Skills

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**LANGUAGES:** Ruby, Javascript, C++, MATLAB  
**WEB FRAMEWORKS:** Ruby on Rails, Meteor.js, Ruby on Sinatra  
**TESTING FRAMEWORKS:** RSpec, Jasmine, LabVIEW  
**DATABASE:** ActiveRecord, SQL(PostgreSQL, SQLite), MongoDB  
**FRONT END:** HTML5, CSS3, jQuery UI, Twitter Bootstrap  
**METHODOLOGIES:** Object Oriented Design, Test Driven Development, Agile Development

## Projects

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### Rebass

Lightweight web application that allows users to upload mp3 tracks, experiment with arrangements, and revert to previous sessions emulating a simple git workflow. I personally lead a team of three DevBootcamp developers to build the application with Meteor.js as our framework and utilizing Javascript, HTML5, CSS3, and the Web Audio API.

### MYAQ Overflow

If I mustache you a question...I'll do it here. MYAQ Overflow is a Stack Overflow clone built using Ruby on Rails. A multi-developer agile workflow was utilized to manage multiple features within a complex relational schema. My role was to implement RESTful question asking, answering, and voting functionality from database to view.

### Internal Bi-Phasic Shape Memory Fracture Fixator

Designed an alternating magnetic field generator for novel fracture fixation therapy. Utilized iron oxide nanoparticles for biocompatible device actuation. Performed ANSYS analysis on polymer compound for device characterization.

## Employment

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### Sanofi - IT Technician - Bridgewater, NJ - Jul 2014 - Oct 2014

Maintained specialized Windows system images for pharmaceutical sales applications. Designed and implemented Regional Sales Delivery Sharepoint site. Developed client side site within Adobe Dreamweaver Suite.

### Dragon-Fli Associates - Technology Research Coordinator - Denville, NJ - Oct 2013 - May 2014

Performed market research to develop a novel approach for web based learning modules. Developed Request for Proposal (RfP) documentation for relevant contract bids.

### Modern Medical Systems - Biomedical Inventory Technician - Paterson, NJ - Jun 2012 - Aug 2012

Coordinated mass system inventory update for cleanroom devices. Worked with physicians to ensure device calibration and proper preventative maintenance.

## Education

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### Dev Bootcamp

Web Development 2015

19 week intensive web development program focusing on Object Oriented Design and multiple full-stack technologies

### The College of New Jersey

BS Biomedical Engineering 2013

### Konkuk University

Korean Culture, Behavioral Science 2011