CHRIS PACHOMSKI
WEB DEVELOPER/ENGINEER

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Summary

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

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

Projects

Rebass

Full JavaScript, HTML5 web application built on Meteor.js utilizing the Web Audio API. Allows users to upload mp3 tracks, experiment with arrangements, and revert to previous sessions emulating a simple git workflow.

Lucidity

Ruby on Rails CRUD application with heavy emphasis on custom CSS/Design. Users can record their dreams and view feeds of others dreams from specific categories. Dream On.

Internal Bi-Phasic Shape Memory Fracture Fixator

Designed 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

Sanofi, *IT Technician*, Bridgwater, 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

Dev Bootcamp
Web Development 2015
19 week intensive web development program focusing on Object Oriented Design and Full-stack technologies

The College of New Jersey
BS Biomedical Engineering 2013

Konkuk University
Korean Culture, Behavioral Science 2011