

RAYMOND J. HENDRICKS

Full Stack Web Developer

New York, NY

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OVERVIEW

I discovered my passion for programming later in life, but that hasn't stopped me from pursuing what I love. My background in music and engineering supports me in approaching a problem using both analytic thinking and creativity. I use logical thinking to combine both aspects and come to an effective solution. I am always curious about the various routes to an answer, and value building relationships and receiving feedback from peers.

SKILLS

Languages/Frameworks: Javascript • HTML5 • CSS • Ruby • Rails • jQuery • Node.js • Express.js • PostgreSQL
React.js • MongoDB • Angular 2 (Prior Exposure) • PHP (Prior Exposure) • Python (Prior Exposure)
Tools: GitHub • RESTful Architecture • Photoshop • InDesign • AutoCad • Microsoft Office Suite • Lean Six Sigma

EXPERIENCE

General Assembly

New York, NY

Web Development Immersive Program | Web Developer

Feb 2017 - May 2017

- Completed 450+ hours of in-class instruction at G.A.'s NYC Campus and launched sequence of 4 web applications for a working portfolio
- Collaborated on 2 team projects with a diverse mix of peers within program who come from a variety of professional and education backgrounds
- Led design of full stack applications in Node and Rails for full project lifecycle with focus on testing and deployment
- Learned best practices for RESTful Architecture and Agile development

American Specialties Inc.

ASI, Yonkers NY

Industrial and Production Engineer

Sept 2013 - Feb 2017

- Worked with 5 member engineering team to evaluate and implement Lean and Six Sigma processes
- Developed spreadsheets to visualize bottlenecks and follow production statistics through daily tracking/reporting
- Increased efficiency by up to 100% on 200+ products through production process improvements
- Created cost estimation spreadsheets for prototypes and redesigned products
- Lead team in ERP software use and worked with finance department to fix discrepancies saving upwards \$100,000

Binghamton Industrial Engineering Program

Binghamton, NY

Teaching Assistant | Engineering Programming and Automation

Sept 2012 - Dec 2012

- One of three Teaching Assistants for the required Engineering programming lab course
- Monitored 30+ students during lab assignments for MatLab, LabView, PLC, and CNC software
- Helped students conquer complex problems for each software and administered one-on-one tutoring

PROJECTS

GameShot | Full Stack Developer | <https://gameshot.herokuapp.com/>

May 2017

- Developed app based on Instagram geared towards PC Gamers to post screenshots of games
- Built in Ruby using Rails, JavaScript, HTML/CSS, PostgreSQL, Devise, Ransack, HTTParty
- Image uploading function using S3 AWS and Paperclip Gem, with method to fix URL sent by AWS
- Complete Followers/Following class with methods and timeline showing recent posts of those you follow

Attr_Reader | Full Stack Developer | <http://attrreader3.herokuapp.com>

May 2017

- Part of 4 member team who developed app allowing users to trade books with other users that request them
- Web app built in Ruby using Rails, JavaScript, HTML/CSS, PostgreSQL, Action Mailer, Devise, HTTParty
- Lead git master and organized push and pull requests by team members
- Implemented AJAX calls for database searching using Ransack

Magic Trading Card Generator | Full Stack Developer | <https://github.com/RJHendricks22/MagicTGCardBuilder>

April 2017

- Developed app allowing a user to create custom Magic Trading Cards with images and card text
- Full stack web app built in ExpressJS, using PostgreSQL, JavaScript, CSS/HTML, Ajax, BCrypt, Mustache and Multer
- Allow for local storage of images using Multer with ability to download rendered card as jpg

Brick Breaker Game | Software Developer | <https://rjhendricks22.github.io/>

March 2017

- Developed JavaScript game base on the popular Brick Breaker using JavaScript, jQuery, CSS & HTML
- Created functions for different events that occur using canvas and animation frame
- Personally derived collision detection between ball, blocks, window and paddle

EDUCATION

GENERAL ASSEMBLY

New York, NY

Web Development Immersive Program

Feb 2017 - May 2017

BINGHAMTON UNIVERSITY

Binghamton, NY

Bachelors of Industrial and Systems Engineering

2008 - 2012