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Projects

Moodly.xyz | *Ruby on Rails, React.js* | Front End Engineer   GitHub | Demo | Live
Winner of Microsoft's *Super Challenge with Cortana Analytics* at the 2016 DevWeek Hackathon
- Incorporates Face, Emotion, and Text APIs to analyze the user's current mood
- Real-time emotion analysis with dynamically changing graph representations

HuskyNOM.com | *Ruby on Rails, React.js* | *Full-Stack Engineer*   GitHub | Live
Helps University of Washington students find top-rated restaurants and leave reviews
- Integrates Google Maps API to dynamically filter search results based on map bounds
- Uses custom-built authentication system with BCrypt that hashes and salts passwords
- Utilizes React lifecycle events to create slidable review drawer and immediately update the average star-rating after leaving a review

OsmoVirus | *JavaScript, HTML5 Canvas* | *Front End Engineer*   GitHub | Live
Inspired by Osmos and Agar.io, players must chase cells to become large enough to eat a virus
- Incorporates HTML5 Canvas to display growing and shrinking vector graphics on-screen
- Game difficulty changes depending on screen size

Chess | *Ruby* | *Ruby Engineer*   GitHub
Terminal-based Chess game that demonstrates strong sense of OOP understanding
- Each piece inherits from a "slideable" or "steppable" superclass

Skills

Ruby on Rails, JavaScript, jQuery, React.js, Node.js, SQL, HTML, CSS, RSpec, git

Education

App Academy   October 2015 - January 2016
Full-Stack Web Development Boot Camp   San Francisco, CA
- 1000-hour immersive full-stack web development boot camp with 3% acceptance rate
- Teaches full-stack web development: Ruby on Rails, SQL, JS, React, test-driven development, algorithms, design patterns, and programming best practices

University of Washington   2009 - 2013
B.S., Informatics – Human-Computer Interaction | 3.64 GPA   Seattle, WA
Curriculum Highlights:
- Java I & II, Data Structures, Database Design (MySQL), Intro to Web Programming
- Data/Information Visualization & Aesthetics, User Experience Design, Design Thinking

Experience

Avanade   July 2013 - September 2015
Systems Engineer, Sr. Analyst, Infrastructure Services   San Francisco, CA
- Selected to four (and appointed team lead for two) successful IT consulting projects throughout the country

University of Washington   January 2012 - July 2013
IT Distributed Systems PC Lead   Seattle, WA
- Maintained 95% uptime and deployed quarterly image updates for largest library/computer lab on campus (350+ systems) plus 50+ cloud-based systems
- Led effort toward new image deployment software and server to cut system downtime by 20%

www.ryansamp.com   www.linkedin.com/in/ryansamp   www.github.com/rsamp