Sunny **Rekhi**

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SKILLS

Ruby, Ruby on Rails, JavaScript, jQuery, React.js, Redux, React Native, SQL, Git, HTML5, CSS3

EXPERIENCE

Technology Analyst
JPMorgan Chase & Co.   May 2016 - Feb 2017
- Spearheaded and engineered 5+ Python scripts to automate server configuration management; saved team 10 hours / week in repetitive tasks
- Repaired and optimized functionality of several Perl & Python scripts in production
- Initiated migration of automation software to version control
- Oversaw configurations for applications handling $100MM+ of client funds

Product Manager
Energy and Environment Initiative   May 2015 - Sept 2015
- Led website redesign which resulted in a 10% increase in web traffic
- Surveyed customers and implemented a list of design solutions for better user experience
- Streamlined communication between organization's management and web development contractors

PROJECTS

Splat   Live Site | GitHub
Live chat web application inspired by Slack (Ruby/Rails, React/Redux)
- Leveraged WebSockets for real-time updates
- Increased efficiency of web socket broadcasts by implementing asynchronous processing.
- Achieved better performance by using Cloudinary CDN to cache user avatars
- Reduced extraneous AJAX requests by packaging requests in top level React component
- Optimized database querying by utilizing eager loading

Escape Room   Live Site | GitHub
Browser-based echolocation game (JavaScript, HTML/CSS)
- Generated dynamic gameplay in HTML5 Canvas element by utilizing vector math for rapid game-state updates
- Optimized collision checking & reduced computational load by 30%
- Implemented monster AI with vector calculus for an exciting user experience

LegislateMe   Live Site | GitHub
Android mobile application for curating state legislative data (Django/React Native)
- Implemented OAuth 2.0 (Facebook, Google+) for ease of user authentication
- Built two web-scrapers in Python to categorize CA bills into specific subjects. Achieved 100% categorization accuracy.
- Integrated with OpenStates API and Google's Geolocation API to inform users who their representatives are based on their address

EDUCATION

App Academy   (Spring 2017)
- Graduated top of class
- Immersive software engineering course with focus on full stack web development
- Rigorous program that accepts < 3% of all applicants

Rice University   (Spring 2016)
BS Chemical Engineering
- Trustee Distinguished Scholar (merit scholarship worth $100k)
- Curriculum highlights:
    - Computer Programming in Chemical Engineering
    - Computational Methods for Chemical Engineers