Daniel Duan

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EXPERIENCE

Senior Frontend Engineer and Team Lead - WeWork, New York, NY   Oct, 2019 - Present
- Lead a platform team of 3 engineers to improve the member web app performance, reliability, and maintainability
- Created a consolidated design system around tokens, themes, and shared components
- Introduced new internationalization processes and libraries to reduce translation steps from 10 down to 3
- Improved code quality by evangelizing and adopting of industry best practices and open source libraries
- Mentored junior and full stack engineers through architecture discussions, pair coding, and pull request reviews

Senior Frontend Engineer - Squarespace, New York, NY   Sept, 2016 - Sept, 2019
- Worked on high impact features for the main Squarespace CMS web app to improve trial to paid conversion
- Lead efforts to standardize components and upgrade existing usages across different product teams
- Created and maintained React and React-Native component libraries across the engineering organization
- Refactored legacy YUI code to ES6 and React in order to improve performance and reduce code complexity
- Assisted in internationalization efforts to provide language translations and formatting across the frontend
- Started employee resource group for Asians to foster a community and assist with diversity and inclusion initiatives

Software Engineer - IBM Watson, Austin, TX   June, 2015 - July, 2016
- Built prototype K-12 digital textbook apps using React, Redux, Node.js, Cloudant, and Watson API services
- Converted Watson TED from a monolithic prototype app to small developer API offerings on Bluemix cloud services
- Scaled Watson multimedia cloud offerings to dynamically allocate and efficiently utilize computing capacity
- Co-authored patent disclosures in natural language processing and machine learning for Watson products

Software Engineer - Yeti, Los Angeles, CA   September, 2014 - March, 2015
- Implemented new features such as Facebook login, Foursquare check-in, user following, and metrics tracking
- Architected Python Flask REST endpoints to reduce API calls, refactored backend code for legibility and reusability
- Optimized PostgreSQL databases for geolocation data and created index expressions to reduce response times
- Migrated backend servers from RackSpace to Heroku and moved other assets to AWS to reduce cost and downtime

Software Engineering Intern - LinkedIn, San Francisco, CA   June, 2014 - September, 2014
- Created enhancements for SlideShare on HTML, JS, and Ruby on Rails to optimize performance and engagement
- Implemented internal tools for organizing content, tracking interactions, and streamlining social media

Software Engineering Intern - Boeing, Huntington Beach, CA   June, 2013 - September, 2013
- Developed a Windows 8 tablet app in XAML and C# to replace spreadsheets for traveling sales team users

EDUCATION

University of California, Los Angeles - B.S. in Computer Science
- Vice President, Association for Computing Machinery

OPEN SOURCE

Storybook - Owner & Maintainer
- Contributed to React and React Native implementations of Storybook and official add-ons

CERTIFICATES

Harvard Business School Online - CORe   December, 2018
- Business Analytics   • Economics for Managers   • Financial Accounting

REFERENCES

Furnished upon request.