Daniel Duan

Email: dduan@yahoo.com   Website: www.danielduan.net   GitHub: danielduan

EDUCATION

University of California, Los Angeles - B.S. in Computer Science
- Vice President, Association for Computing Machinery
- Web and Template Developer, Daily Bruin

EXPERIENCE

Senior Frontend Engineer - Squarespace, New York, NY   **Sept, 2016 - Present**
- Worked on high impact features for the main Squarespace CMS web app to improve user page editing experience
- 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 educational 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 a web-based tool for traveling sales team users
- Communicated with customers, developers, and management to create authorization and requirement documents

Software Engineering Intern - LA Department of Water and Power, Los Angeles, CA   **June, 2012 - August, 2012**
- Created web-based information database for monitoring data center servers using Visual Basic, ASP, and MSSQL
- Assisted with network traffic optimization using Cisco networking equipment for planning and testing

OPEN SOURCE

Storybook - Owner & Maintainer   **May, 2017 - Present**
- Contributed to React and React Native implementations of Storybook and official addons

CERTIFICATES

Harvard Business School Online - CORe   **Sept, 2018 - Dec, 2018**
- Business Analytics
- Economics for Managers
- Financial Accounting

REFERENCES

Furnished upon request.