

Daniel Duan

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EDUCATION

University of California, Los Angeles - B.S. in Computer Science 2011 - 2016

- Vice President, Association for Computing Machinery
- Web and Template Developer, Daily Bruin

EXPERIENCE

Frontend Software Engineer - Squarespace, New York, NY Sept, 2016 - Present

- Created and maintained React and React-Native component library used in the main Squarespace web app
- Lead process to standardize components and upgrade existing usages across different product teams
- 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 formatters across the frontend
- Started Asian Employee Resource Group to foster an Asian community and assist with company diversity 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 enhancement 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

AWARDS & CERTIFICATIONS

- CompTIA A+
- CompTIA Network+
- CompTIA Security+
- Cisco Certified Entry Network Technician (expired)
- Facebook SoCal Hackathon - 1st Place
- Google LA 24 Hours of Good Hackathon - 2nd Place
- Hack for LA - Best Game or Social App

PERSONAL PROJECTS

- Storybook - component dev tool (storybook.js.org)
- FBCLI - command line Facebook (www.fbcli.net)

REFERENCES

Furnished upon request.