Daniel Duan

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OBJECTIVE
In search of a full time position in software engineering

EDUCATION
University of California, Los Angeles - B.S. in Computer Science   **2011 - 2016**
- Vice President, Association for Computing Machinery   • Senior Web Developer, Daily Bruin

EXPERIENCE
Software Engineer - IBM Watson, Austin, TX   **June, 2015 - Present**
- Built prototype K-12 educational apps using Node.js, React/Redux, and Cloudant to gauge market demand
- Converted Watson TED from a monolithic prototype app to small developer API offerings on Bluemix cloud
- 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

IT Support - California NanoSystems Institute, Los Angeles, CA   **October, 2011 - June, 2012**

AWARDS & CERTIFICATIONS
- Facebook SoCal Hackathon - 1st Place
- Google LA 24 Hours of Good Hackathon - 2nd Place
- Hack for LA - Best Game or Social App
- Hollywood Hack Day - SendGrid & Spotify API Prize
- Cisco Certified Entry Network Technician (expired)
- CompTIA A+
- CompTIA Network+
- CompTIA Security+

SKILLS
- 3 years experience in HTML, CSS, and JS, 2 years experience in Node.js, Ruby on Rails, Python Flask, and MySQL
- 2 years experience with Cisco equipment and networking concepts such as RIP, EIGRP, VLAN, ACL, and subnets

PROJECTS
- FBCLI - Command Line Facebook (www.fbcli.net)

REFERENCES
Furnished upon request.