David Mai

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SKILLS

- Languages: JavaScript/Node.js, HTML/CSS, Java, SQL
- Frameworks: Express.js, React.js + Redux, Socket.io, Backbone.js, Spring MVC
- Tools: Vim, Git/Github, AWS, Jenkins
- Databases: MySQL, Redis, ElasticSearch

EXPERIENCE

Software Engineer, iSocket (acquired by Rubicon Project 11/14), San Francisco, CA
March 2014 - Present

Full-stack engineer for advertisers.isocket.com, a marketplace for advertisers to buy digital advertising from premium publishers like the New York Times, Rolling Stone, Forbes, and the BBC

- Owned key features in the application, including its RFP, adserver integration, roles and permissions, and chat/notification systems
- Re-architected the application backend and clarified the roles of every module type it contained, allowing it to scale in complexity while reducing technical debt
- Helped to scale the marketplace platform from thousands of dollars of revenue/year to millions of dollars of revenue/month
- Won a company-wide hackathon with a mobile version of our app's notification system

Application Developer, UnitedHealth Group, Hartford, CT
February 2012 - March 2014

Full-stack engineer for the uhcmilitarywest.com and employereservices.com teams

- Built uhcmilitarywest.com, which was a critical piece of Unitedhealth Group's $20.5 billion dollar Tricare West contract with the Department of Defense, supporting hundreds of thousands of military veterans. Owned key features such as user authentication and credit card payments
- Developed features for employereservices.com, which allows hundreds of thousands of employers to manage their employee benefits

Systems Analyst, UnitedHealth Group, Hartford, CT
June 2011 – February 2012

Automated several manual workflows with Python to improve operating efficiency, including

- Parsing data from HP Quality Center using to generate defect reports
- Sorting team timesheet data for generating resource availability forecasts

EDUCATION
Boston College, Chestnut Hill, MA
September 2007-May 2011
Bachelor of Science in Information Systems and Accounting