# Kent Ou

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## TECHNICAL SKILLS

**Strong:** JavaScript, Angular, React Native, Node, Express, AJAX, jQuery, HTML5, CSS3, MySQL, Neo4j, Heroku, Git
**Experienced:** Backbone, Authentication, D3, Grunt, Gulp, Mocha, Chai, Coffeescript, MongoDB, Firebase

## PROJECTS

**Katfish |** Full Stack Engineer
*iOS app that creates genuine profiles by having friends vote on your qualities*
- Designed the front end of the iOS application using React Native for performant UI rendering
- Integrated Facebook's Graph API for user login, authentication, and profile access
- Architected database structure using Firebase for storing user traits and votes
- Collaborated with community to debug XCode and Facebook's login SDK for React Native

**Six-Dribbles |** Full Stack Engineer **|** sixdribbles.com
*Displays the six degrees of separation between two NBA players*
- Designed Neo4j graph database to store the relationships between data for efficient data retrieval
- Optimized Cypher queries to return the shortest path between two players
- Implemented API layer for front end queries to Neo4j graph database

**Video-ke |** Scrum Master, Front End Engineer **|** video-ke.herokuapp.com
*Dual video player application with crossfading volume control*
- Utilized YouTube's API to embed video player and enable search functionality
- Implemented sliders to control volume across two players using Bootstrap and jQuery
- Managed a 4 person team with sprint planning and distributed workflow using Waffle.io, Github, and Slack

**Stock-Block |** Software Engineer/Product Owner
*Search and retrieve current stock quotes*
- Designed UI to allow user to search for particular stock quotes and add to a list
- Integrated Yahoo! Finance API with Angular to parse JSON data and display results into a table
- Applied callbacks for http/AJAX requests to handle asynchronous data

## PROFESSIONAL EXPERIENCE

**Thermo Fisher Scientific** | Manufacturing Technician                                            *2012-2015*
- Synthesized custom DNA/RNA peptides according to standard operating procedures
- Trained new employees in multiple areas of production process
- Collaborated with team members to minimize failures and improve turnaround times to 98%
- Facilitated the transfer of a lab and its processes by performing instrument qualifications and trainings

**Morgan Stanley Smith Barney |** Financial Training Program Intern                                   *2011*
- Presented sector projects on market and equity changes, industry analysis, and financial planning
- Performed weekly fundamental, quantitative, and technical analysis on stocks in various industries

## EDUCATION

**Telegraph Academy:** Advanced Software Engineering Immersive Program                              *2015*
**UC Berkeley Extension:** Linux/Unix System Fundamentals, Intro to RDBMS, Intro to Project Management   *2014-2015*
**UC Davis:** B.S. in Biological Science, minor in Economics                                      *2007-2011*

## PERSONAL

I love playing and watching basketball. Connect Four champion. Aquarium enthusiast.
Other Interests: football, hiking, camping, traveling, movies, live music, and strategy/puzzle games