

# DARYLL CHENG

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## < TECHNICAL SKILLS >

**Strong:** JavaScript | React + Redux | Angular | ES6 | Sass | HTML5/CSS3 | Node | Express | MongoDB  
**Experienced:** D3.js | JQuery | Webpack | Grunt | Git/Github | Backbone | Redis | PostgreSQL | MySQL

## < APPLICATIONS BUILT >

**TIE-CHAI** | Scrum Master | tie-chai.com | React + Redux, Golang, PostgreSQL, Redis, Firebase, AWS, Enzyme

Connect with like-minded individuals with interest and location based matching algorithm

- Engineered front-end architecture using React for single-page routing and performant view rendering
- Introduced Redux to manage application states for progressive scaling and improved code modularization
- Leveraged Bootstrap with Material UI to foster an intuitive UX with an emphasis on aesthetics
- Implemented Golang for an efficient back-end with high-performance service delivery and increased capacity for scaling
- Designed dynamic visualizations of user demographics with D3.js to facilitate application transparency for potential users

**SEETHROUGHME** | React.js, Node.js, Express.js

Use machine learning to convert any image into its text-based description in a variety of languages

- Augmented machine learning capacity by complementing the 'IBM Watson Visual Recognition' and 'Google Translate' technologies with 'IBM Watson Speech to Text' and 'Google's Tesseract Optical Character Recognition engine' to enable pronunciations of translated signs or images of objects
- Enriched overall UX with intuitive country-specific buttons for language selection and an auto-scroll carousel for a cumulative collection display
- Devised Mocha/Chai tests in adherence to the TDD paradigm to enforce application stability and performance

**REUP** | React.js, MySQL, Express.js, Node.js

A news aggregator for your interests and passions

- Utilized third-party API calls (Youtube, Twitter, Reddit, Twitch, IGN, GiantBomb, Polygon) to generate personalized content for each user
- Refined React-based application front-end with SCSS and Bootstrap for improved code organization and interface responsiveness

**SHUFFLR** | MongoDB, Angular, Express.js, Node.js

Engage others in a friendly competition testing both your trivia and word skills

- Implemented a Mongo database to store and serve thematically relevant content to the client
- Delivered an interactive MEAN stack application within a 48-hour deadline

## < EXPERIENCE >

**BEHAVIORAL SUPPORT PARTNERSHIP** | Parent Training Consultant & Behavior Therapist | San Leandro CA

- Trained parents in Applied Behavior Analysis principles, behavior management skills, and Pivotal Response Treatment strategies
- Analyzed client data to create Positive Behavior Support Plans and progress reports in accordance with regional centers and insurance guidelines

Feb 2015 – Oct 2016

**THE UNIVERSITY OF HONG KONG** | Research Assistant | Hong Kong

- Analyzed participant data through statistical regression using SPSS
- Administered cognitive, emotional and psychological tasks to participants with depression and/or insomnia and monitored their sleep stages through EEG, EOG and EMG readings

June 2014 – Dec 2014

## < EDUCATION >

**UNIVERSITY OF CALIFORNIA, BERKELEY**

Bachelor of Arts in Psychology

May 2014

Cumulative GPA: 3.979/4.0 Highest Distinction in General Scholarship

Phi Beta Kappa; Psi Chi; The National Society of Collegiate Scholars; Golden Key International Honors Society

**HACK REACTOR – SAN FRANCISCO**

Advanced Software Development Intensive

May 2017