DARYLL CHENG

San Francisco Bay Area, CA
(650) 215-8842

www.linkedin.com/in/daryllcheng
www.github.com/daryllcheng
daryllcsh@gmail.com
www.daryll.io

< 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

< OPEN-SOURCE APPLICATIONS >

TIE-CHAI | 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 Sass 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
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

May 2014

HACK REACTOR – SAN FRANCISCO

Advanced Software Development Intensive

May 2017