

KENNETH KORCAL FRONTEND DEVELOPER

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Skills

LANGUAGES

JavaScript/ES6
HTML5
CSS3
Sass
Java

LIBRARIES

React
Redux
jQuery
Underscore.js
Require.js

FRAMEWORKS

Express.js
Mocha
Phaser.js
Backbone.js

TOOLS

Webpack
Gulp
VSCode
PostCSS

SERVERS

Node.js
Nginx

BONUS

Japanese

Experience

FundPaaS

Software Engineer

San Francisco, CA
Oct 2016 to Sep 2017

- Enhanced the user and admin dashboard pages by including search and pagination features to reduce load time by 90%
- Automated API endpoint testing by constructing over 30 test suites using Postman
- Restructured the user API by eliminating duplicate or deprecated endpoints to improve user widget performance by 32%
- Technologies: Backbone.js, Require.js, jQuery, Underscore.js, Java, Eclipse

Galvanize

Full-Stack Immersive Web Development Fellow

San Francisco, CA
Feb 2016 to Jul 2016

- Six month, 1000+ hour web development course, focused on creating both front end and full stack applications using technologies including Javascript, Node.js, Express, AngularJS, Knex/PostgreSQL, AJAX, Passport.js, Twitter Bootstrap, CSS3 and HTML5

Freelance Web Developer

Michael Baca Photography

San Francisco, CA
Oct 2015 to Feb 2016

- Built Wordpress website for displaying the photography portfolio of Michael Baca
- Added custom tagging feature to allow efficient categorization of photos
- Created a dynamic navigation system of image categories through custom queries using the Wordpress API
- Technologies: PHP, CSS, jQuery
- Live Site - <http://michaelbaca.com/> Github - https://github.com/kakorcal/michael_baca

Sara Faith Alterman

- Built Wordpress website for displaying the selected works of writer/producer Sara Faith Alterman
- Implemented CSS media queries to dynamically resize the view across different screen sizes
- Technologies: PHP, CSS, Photoshop
- Live Site - <http://sarafaithalterman.com/> Github - https://github.com/kakorcal/sara_alterman

City College of San Francisco

Tutor / Lab Aide

San Francisco, CA
Aug 2014 to Jun 2015

- Assisted over 40 engineering students with AutoCAD, land surveying, and physics homework assignments
- Tutored over 10 students to prepare for upper level college algebra courses

Projects

Christy Natsumi

- San Francisco based independent design studio that creates modern jewelry essentials
- Worked with site designer to migrate existing custom Squarespace theme over to a Shopify theme and retained 100% integrity of the original design for mobile, tablet, and desktop views
- Setup workflow for developing custom themes using Gulp and Shopify development tools to reduce the deployment time to less than a minute
- Technologies: Javascript, Liquid templates, Gulp, Sass
- Live Site - <https://christynatsumi.com/> Github - <https://github.com/kakorcal/christy-natsumi>

Bubble Shooter

- HTML5 desktop game using the Canvas API
- Built the main game logic, optimized sprite assets, and integrated sound effects to create over 50 stages that progressively increases in difficulty
- Bundled and gzipped assets using Webpack and Nginx to reduce the script size from 930kb to 221kb
- Technologies: Phaser.js, Webpack, ES6, Nginx
- Live Site - <https://html5bubbles shooter.co/> Github - <https://github.com/kakorcal/bubble-shooter>

Wikirace

- 1 and 2 player desktop game with the objective click through wikipedia articles until the destination is reached
- Scraped wikipedia articles and parsed into Angular directives using Cheerio.js and Sockets.io to add the capability to select 99 different wikipedia categories
- Built full-stack application with login system to add capability for users to track 8 types of user statistics
- Technologies: Angular.js, JSON Web Tokens, Node.js, Socket.io, Cheerio.js, Request.js, Knex.js, PostgreSQL
- Live Site - <https://wikirace.herokuapp.com/> Github - <https://github.com/kakorcal/wikirace>

Education

University of Maryland University College
B.S. Computer Science 2018
3.55 GPA