

ERIC CHOI, MS

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LinkedIn: [linkedin.com/in/eric-choi-b4595a183](https://www.linkedin.com/in/eric-choi-b4595a183) | **GitHub:** github.com/ericjchoi | **Portfolio:** ericjchoi.github.io/codingPortfolio/

Full Stack Web Developer with a background in healthcare research domain and electrical engineering. Goal-driven problem solving and client-oriented coding services. Evangelist of minimalistic visual creativity and stable functionality.

TECHNICAL SKILLS

HTML5, CSS, JavaScript, Ajax, jQuery, Bootstrap, Materialize, Node.js, Firebase, MySQL, Sequelize ORM, MongoDB, Mongoose ODM, Express.js, Handlebars, React, GitHub and Heroku.

RELEVANT EXPERIENCE

Application Support Engineer

06/2018 – Present

Fred Hutchinson Cancer Research Center

Seattle, WA

- Fred Hutch REDCap administrator tasks including creation/suspension of user accounts, user password resetting, assignment of user roles and creation of new research projects
- Utilization of HTML5 and CSS coding through a REDCap extension plug-in functions so that the clients can experience more sophisticated and refined front-end than the standard front-end option
- Customer services and resolving issues for clients through Cherwell Service Management system (Fred Hutch ticket system)

Systems Analyst / Programmer

11/2016 – 06/2018

Fred Hutchinson Cancer Research Center

Seattle, WA

- Created, managed and quality assured research databases and survey forms in REDCap, a web-based online electronic data capturing platform, provided through the University of Washington's ITHS (Institute of Translational Health Sciences) Server
- Conducted research dataset cleaning, wrangling and querying using Microsoft Access
- Analyzed research data with descriptive statistics using IBM SPSS Statistics 26, and created data reports for Primary Investigators

PROJECTS

google-books | **Code:** github.com/ericjchoi/google-books | **Run:** shrouded-reef-42849.herokuapp.com/

Book search application utilizing Google Books API. Users can also save books of interest in MongoDB. View button will link to the book's information link. Delete button will delete book data from MongoDB.

- Duties: Planned, developed, debugged and deployed.
- HTML5, CSS, JavaScript, Bootstrap, Node.js, npm packages, Google Books API, Axios, MongoDB, Mongoose ODM, React and JSX used.

Mongo_Scraper | **Code:** github.com/ericjchoi/Mongo_Scraper | **Run:** pure-sierra-54185.herokuapp.com/

New York Times news article scraping application where users can scrape the current article and make notes and save/delete notes. Currently, the note feature is under development.

- Duties: Planned, developed, debugged and deployed.
- HTML5, CSS, JavaScript, Bootstrap, Express-Handlebars, jQuery, Axios, npm packages, Node.js, Mongoose ODM and MongoDB used.

FriendFinder | **Code:** github.com/ericjchoi/FriendFinder | **Run:** infinite-fortress-35051.herokuapp.com/

Friend suggestion application through user's survey submission. Suggestion could be more accurate in the future development utilizing more complicated statistical methods e.g. Least Square Regression

- Duties: Planned, developed, debugged and deployed
- HTML5, CSS, JavaScript, Bootstrap, Node.js, Express.js, Ajax and jQuery used

clicky-game | **Code:** github.com/ericjchoi/clicky-game | **Run:** ericjchoi.github.io/clicky-game/

Clicking game application developed with React. Unduplicated clicks lead the user to win the game. Wrong click will shake the images and reset the game. Each click will shuffle the pictures. Beat the high score!

- Duties: Planed, developed, debugged and deployed.
- HTML5, CSS, JavaScript, React, JSX and npm packages used.

RPG-Star-Wars | **Code:** github.com/ericjchoi/RPG-Star-Wars | **Run:** ericjchoi.github.io/RPG-Star-Wars/

One to one space battle role-playing game application. Player chooses character and opponent. Clicking the attack button proceeds the game. Each round proceeds until one character's health power becomes 0. When the character defeats all the opponents after each round then the game ends.

- Duties: Planed, developed, debugged and deployed.
- HTML5, CSS, JavaScript and jQuery used.

burger | **Code:** github.com/ericjchoi/burger | **Run:** aqueous-tundra-65909.herokuapp.com/

Eat-Da-Burger MySQL CRUD MVC application where users can create, add, update and delete burger data in MySQL database and render updated results on the browser.

- Duties: Planed, developed, debugged and deployed.
- Node.js, Express.js, Ajax, MySQL, Handlebars.

VolunTeam! | **Code:** github.com/ajperkins92/Project-3 | **Run:** boiling-temple-20778.herokuapp.com/

Community-building application built in a group where users can exchange volunteering information in their community.

- Duties: Provided MVP front-end static HTML5 design at the project planning and timelining meeting, wireframed and continuously updated the initial front-end HTML5 pages for back-end developers, Created and updated the React components for back-end developers, prototyped and suggested UI/UX for actual deployment, debugged codes, committed/approved/merged in GitHub.
- Node.js, Express.js, React, MongoDB, Mongoose ODM, Materialize, Google Maps API, Moment and Nodemailer used.

EDUCATION

Full Stack Web Development Certificate

02/2020

University of Washington Coding Bootcamp

Seattle, WA

A 6-month intensive coding bootcamp program focused on gaining front-end and back-end technical programming skills in HTML5, CSS, JavaScript, Ajax, jQuery, Bootstrap, Firebase, Node.js, MySQL, Sequelize ORM, MongoDB, Mongoose ODM, Express.js, Handlebars, React, GitHub and Heroku.

Dental Laboratory Technology Program

05/2010

Durham Technical Community College

Durham, NC

Master of Science, Electrical Engineering

University of Southern California

Los Angeles, CA