

# Bjarne Henriquez

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## EDUCATION & CERTIFICATIONS

### freeCodeCamp

Oct. 2017 – Jun. 2018

*Front End Web Development*

**Coursework:** Modern React with Redux, Creating a Front-End App

### California State University of Bakersfield, CA

Aug. 2012 – Jun. 2016

*Bachelor of Science in Computer Science*

**Coursework:** Data Structures and Algorithms, Database Management, Foundations in Software Engineering, Programming Languages and Discrete Mathematics

## TECHNICAL SKILLS

**Programming Languages:** C/C++, Java, JavaScript, SQL, MySQL

**Web Tools and Frameworks:** HTML, CSS, SCSS, jQuery, ReactJs, React Testing Library, Material-UI, FireBase Hosting, Node.js

**Design & IDE Tools:** IntelliJ Pro, NetBeans, Android Studios, VIM, GitHub, Postman, Atom, Visual Studio Code

## PROJECTS & EXPERIENCE

**Personal Project: To-Do React & Google Firebase** [github.com/bhenriquez8/ToDo](https://github.com/bhenriquez8/ToDo)

Oct. 2019 – Present

- Currently programming an easy to use a task management application with functions similar to Apple's Todoist which allows users to automatically embed reminders for important tasks.
- Built the front-end with the JS framework ReactJs, along with Redux.
- Implemented a real-time backend to store each task and subtask using Google Firebase.

**Front-End Web Developer** *ReactJs Development* [github.com/bhenriquez8/officequiz](https://github.com/bhenriquez8/officequiz)

Jan. 2018 –

Apr. 2018

- Created an online personality quiz to demonstrate single page app capabilities with URL routing with a week time span.
- Designed a responsive front end using Material-UI to give the SPA responsiveness when changing screen sizes, and media queries to handle browser resizing and being viewed on mobile devices.
- Managed the state of components to store each answered question and have the results displayed.
- Hosted and deployed using Google Firebase hosting.

**Mobile Developer** *Android Development*

May 2015 – Jan. 2016

- Application was created for research project to help boost happiness in users and help psychologists better understand the mechanics of happiness.
- Applied to many different Android topics such as Fragments, Countdown Timers, ViewPagers, Notifications, Toolbars, etc.
- Utilized Github to share source files amongst project members and to have backup readily available source code.

**Backend Software Developer**

Sept. 2014 – Dec. 2014

*Database Development*

- Designed and implemented an Oracle database for a fictional record store.
- Built from the ground up in 10 weeks.
- Used relational database model practices to construct a UML diagram.
- Created stored procedures in PL/SQL for easier data handling and manipulation.
- Designed and implemented a Java based GUI used to view, update, delete, and insert data.
- Enforced a login system to handle multiple types of users such as managers, employees, concert promoters, and bookers.