Saron **Nhong**

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>LANGUAGES AND TECHNOLOGIES
- **Proficient:** JavaScript, ReactJS, Node/Express, MySQL, MongoDB, Git, Heroku, HTML5, CSS3
- **Exposure:** Java, C, C++, React Native, Firebase

>PROFESSIONAL EXPERIENCE
SNAP Photos | CEO and Founder | San Diego, CA   JUN 2014 - DEC 2018
- Designed and implemented studio quality mobile photo booths for weddings and corporate events using Profoto flash heads, custom made light boxes, and light shaping tools resulting in 75% retention of customers.
- Edited and enhanced over 20,000 images using Adobe Photoshop and Lightroom to improve detail and quality.
- Developed and maintained the company's website using HTML5 and CSS3, resulting in 33% increase in new customers.

Elektrobit | Software Test Engineer | San Diego, CA   SEP 2009 - APR 2012
- Designed and executed test strategies from AT&T 10776, DG-11, Product Realization, and Functional test sets using Quality Center resulting in improved quality of software versions.
- Verified functionality and collected error logs of handsets using base station simulators and in 2G, UMTS, HSDPA, and satellite live networks resulting in 85% rate of bug fixes.
- Analyzed and interpreted test results using Rationale Change to track and report software defects resulting in meeting quality standards before release.

>EDUCATION
Full Stack Web Development Bootcamp, *University of California, San Diego Extension*   2019
Bachelor of Science in Electrical Engineering, *University of California, San Diego*   2003

>PROJECT WORK
Speech Board | Software Developer | Code URL   2020
Easy to use communication app for people who cannot speak or need help being understood.
- Engineered login authentication using Firebase allowing secure access to user's profiles.
- Designed ability to add and edit word components that import images from the device's camera and photo library using React Native, Expo's Camera Roll, Camera, and File System APIs allowing for increased vocabulary.
- Created and stored user settings using React Native and React Redux allowing app customization for improved user experience.
- Designed a database of core words and stored them in Firebase's Realtime Database allowing users to maintain the same word set over multiple devices.

DANI (Developing And Nurturing Interface) | Software Developer | Live URL | Code URL   2019
Full Stack MERN application that provides children with autism source of entertainment and learning.
- Designed front end layouts and created reusable components using React allowing for faster development to easily extend application.
- Created a simplified Spelling game that expanded its vocabulary list as the player progressed using React and JavaScript resulting in a fun learning experience for the user.
- Stored user metrics using NodeJS and MongoDB databases resulting in the ability to analyze a child's interests and monitor most used portions of application for future development.

Wat2Watch | Software Developer | Live URL | Code URL   2019
A movie recommendation app that collects user information and returns a list of movies based on users interests.
- Created frontend layouts using HTML, CSS, JavaScript and Handlebars resulting in easy to use user experience.
- Maintained app security by using NodeJS and Unirest for HTTP requests to Movie Database API.
- Manipulated data stored in MySQL database to form search query algorithms using NodeJS, Express and Movie Database API resulting in new recommendations everytime user liked a new movie.