Kevin Goenadibrata

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Education
University of California, San Diego / Computer Science B.S   Expected June 2019
Relevant Coursework: Data Structures and OO Design, Design and Analysis for Algorithm, Software Engineering,
Computer Operating Systems, Programing Languages: Principles & Paradigms, Virtual Reality, Introduction to AI

Skills
Experienced   : Javascript, React.js, ES6, C++, C, Python, Unity, HTML, CSS, JQuery, Git, Java, Bash, Regex
Familiar   : Express.js, Node.js, Android, Vue.js, OCaml, C#, Arduino, Firebase

Work Experience
Ruangguru   Jakarta, Indonesia
Software Engineer Intern   Aug 2017 – Oct 2017
— Remodeled email marketing templates that improves user engagement by ~300% using HTML and CSS
— Devised an email verification system which corrected ~40% mistyped customer emails
— Awarded intern of the month August 2017

Top 1 Oil Global Ltd.   San Mateo, CA
Web Developer Intern   Aug 2015 – Nov 2015
— Developed the company's website landing page using HTML, CSS, Javascript
— Created a standardized product media guideline for the company's general catalog
— Designed a 19-feet banner for an exhibition at AAPEX 2015 attended by ~2200 multinational companies

Projects
ARtSSt Research Group / Windows MR and Hololens Research   Oct 2018 - ongoing
— Integrating multi-user Windows MR and Microsoft Hololens in the same mixed reality space
— Improving the existing code's compatibility to match with the latest version of MixedRealityToolKit framework

MakanYok / Restaurant Recommendation Website (http://makanyok.kgoenadibrata.com/)   Aug 2018 - ongoing
— Developed and designed a city-based restaurant recommendation website using ReactJS and Firebase
— Utilizing Yelp API to visualize a map of restaurant locations around the user

A* Pathfinder / Maze Pathfinding Visualization   Oct 2018
— Built a web application to help students visualize how A* algorithm works
— Implemented a random maze generator algorithm using Javascript and CSS
— Developed a step-by-step visualization of how A* algorithm is implemented in a randomly generated maze

Webroot Coding Challenge / Webroot at UCSD   Jan 2018
— Developed reinforcement learning using Javascript to beat other contestants' code in an algorithm competition
— Ranked #19 out of 155 UCSD teams for best program algorithm

Email Fix / Bulk Email Fixer for Ruangguru (http://emailfix.kgoenadibrata.com/)   Sep 2017
— Introduced an email scoring system to evaluate the validity of the email and corrects it to its nearest valid domain
— Application is currently being used regularly for the company's database cleaning system

Spctrm / Color Picker Chrome Extension (http://bit.ly/spctrmChrome)   Feb 2017 - Mar 2017
— Built a Chrome extension to extract colors from the web using javascript and Chrome API

Leadership
San Diego City Blessing Church   San Diego, CA
Music Director   Jul 2018 – ongoing
— Led a team of 15 musicians to perform weekly in a sunday service
— Set goals and growth target using agile management style to ensure talent development for each band members