STEVEN MCDONALD

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EDUCATION

Cornell University College of Engineering, Ithaca, New York   2015-2019
- Bachelor of Science, GPA 3.57, Cum Laude, Dean's List
- Major: Computer Science
- Teaching Assistant for CS4820: Algorithms

SELECTED PROJECTS

Color Blindness and Hearing Test for Rural Regions of India   2021
React Developer
- Deployed a React application at the2senses.com, used by thousands of NGO volunteers in India for diagnosing hearing and sight loss, and added Google analytics to track the application use

ClimateReps.com   2021
Full Stack Developer
- Doubled the efficiency of climatereps.com and added options for filtering results by locality
- This is a website for tracking the progress of communities in the United States at meeting green energy goals, built with a React frontend and a Node.js backend

Portfolio Website Generator, Sunnyvale, CA   2020
Personal Project
- Made an app for easily generating portfolio websites for artists and designers which is currently being used for three professional websites
- Implemented a React frontend, Node.js backend, and MongoDB database, and hosted on Digital Ocean

WORK EXPERIENCE

Wyzant, remote   2021
Tutor Spring-Summer 2021
- Tutored 40 different students in a range of Computer Science subjects, including algorithms, data structures, Java programming, and Javascript programming
- hold a 5 Star rating on Wyzant.com with 42 reviews

Khepra Incorporated, San Francisco, CA   2020
Web Developer Spring-Fall 2020
- Designed and built the company website for a biofuel startup in San Francisco from scratch using jQuery, HTML5, CSS3 and PHP
- Worked closely with the company CEO and COO for showcasing their company vision

Yang-Tan Institute for Disability Services, Ithaca, NY   2017-2018
Web Programming Assistant Spring 2017 and Fall 2018
- Helped parents and teachers find disability services for kids by building an interactive map with the Google Maps API, jQuery, and Laravel PHP
- This map is now the most used feature on transitionsource.org

Stanford National Accelerator Laboratory, Menlo Park, CA   2016-2017
Summer Intern 2016 and 2017
- Optimized documenting VHDL and Python libraries for senior engineers through GitHub pages and Doxygen
- Created python and BASH scripts for automatically documenting future code

Cornell Karate Club   2015-2019
- **President** 2019 in charge of recruiting new members, event organizing, and officer selection
- **Vice President** 2018 in charge of club events, teaching weekly lessons

LANGUAGES AND TECHNOLOGIES

JavaScript, Java, Python, C++, React, Node, Express, TypeScript, D3, jQuery, MongoDB, PostgreSQL, NumPy, HTML5, CSS3, PHP