

STEVEN MCDONALD

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TECHNICAL SKILLS

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

EDUCATION

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

Related Coursework: Algorithms, Data Driven Web Pages, Databases, Operating Systems, Machine Learning for Intelligent Systems, Machine Learning for Large-Scale Systems, Data Structures and Functional Programming (in oCaml), Object-Oriented Programming (in Java), Computer Systems (in C)

PROJECT EXPERIENCE

Portfolio Website Generator, Sunnyvale, CA 2020
Personal Project, Full Stack Developer

- Helped artists and designers streamline building portfolio websites through an easy to use Node App
- Built using a React frontend, Express backend, and MongoDB

Khepra Incorporated, San Francisco, CA 2020
Web Developer Spring-Fall 2020

- Designed and built a company website for a biofuel startup using jQuery, HTML5, CSS3 and PHP
- Worked closely with the company CEO, COO, and Creative Director to showcase the company vision

Yang-Tan Institute for Disability Services, Ithaca, NY 2017-2018
Web Programming Assistant Spring 2017 and Fall 2018

- Designed an interactive map using the Google Maps API, jQuery, and the Laravel PHP framework that helps parents and teachers find disability services in New York State
- This map is now the most used feature on transitionsource.org

Stanford National Accelerator Laboratory, Menlo Park, CA 2017-2018
Summer Intern 2017 and 2018

- Optimized documenting VHDL and Python libraries for senior engineers through GitHub pages
- Created python and BASH scripts for automatically documenting future code

Animal Friendly Chrome Extension Project, Ithaca, NY 2017
Front End Developer Winter 2017

- Co-led a team designing a chrome-extension which automatically warns consumers if products they are viewing on any site were made with animal testing
- Won first place in the services category of the Cornell University Animal Health Hackathon

Cornell Lab of Computational Sustainability, Ithaca, NY 2016
Research Assistant Fall Semester

- Developed user-interface in JavaScript for an incentive-based game training an AI to recognize elephant calls

LEADERSHIP

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