CRISTIAN ORDOÑEZ, MPH, RD

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PROFESSIONAL SKILLS

- **Programming Languages:** Javascript, TypeScript, SQL, Python, CSS
- **Development Tools/Frameworks/Other:** React, Express, node.js, MongoDB, MySQL, PostgreSQL, CSS, Sass, webpack, Material UI, Next.js, Chakra UI, git, AWS, Postman, AJAX, jQuery, Model-View-Controller, Agile Methodologies

SOFTWARE ENGINEERING PROJECTS

The Macro Trainer *2022*

themacrotrainer.com   *github.com/cristianordonez/the-macro-trainer*

A food logging web application which allows users to calculate their nutrient needs and use this to find foods that match these numbers

- Simplified the sign-in and registration policy by implementing social media sign-in to increase accessibility to users
- Reduced response time of API to below 20 ms through use of database normalization strategies on SQL database
- Achieved 82% code coverage by creating unit, integration and end-to-end tests using Jest, Supertest and Cypress
- Increased maintainability of application through use of highly detailed documentation of all features and configurations
- Raised Google PageSpeed score from a 72% to 99% through use of lazy loading of components
- Improved search engine optimization through use of custom domain name, using Nginx as reverse proxy on EC2 instance

Personal ePortfolio *2022*

cristianordonezrd.com   *github.com/cristianordonez/portfolio*

A web application that integrates with the GitHub API to showcase my public repositories and keep data automatically updated

- Improved overall flexibility of application through use of a NoSQL database to allow for addition of new data types and features
- Increased maintainability of application through use of GraphQL and webhooks to listen to changes made to Github repository information (such as description, title, social media image) and update the database accordingly
- Raised Google Lighthouse score from 72% to 99% by increasing accessibility through use of proper alt tags, careful color selection, appropriate hierarchy of headings, and use of aria roles

Ecommerce App *2022*

github.com/cristianordonez/ecommerce-app

An ecommerce application built with a team of 3 people that supports browsing, reviewing and adding clothing items to a shopping cart

- Decreased complexity while increasing quality of application through use of Agile software development best practices such as ticket-based project management and feature-driven development
- Made application more maintainable for new developers through use of Model-View-Controller architectural design
- Improved Google Lighthouse score from a 61% to a 99% using a custom webpack configuration for reduced bundle sizes as well as well as appropriate color design choices, alt texts and headings for improved accessibility
- Decreased average API response time from 650 ms to 20 ms during load testing by implementing and connecting 3 AWS EC2 instances with load balancer

Showcial *2022*

github.com/cristianordonez/Showcial

A social network application built with 5 developers that allow users to connect with friends to share their movie watch list or view what others are streaming

- Decreased bugs encountered during development thereby increased production speed through use of strict type checking with TypeScript
- Improved coordination and teamwork through use of SCRUM meetings held daily

EXPERIENCE

Hack Reactor Software Engineering Immersive   **San Francisco, CA**

Software Engineering Immersive Resident   *September 2022 – Present*

- Promoted an autonomous learning environment with a focus on a growth mindset to train self-sufficient software engineers
- Furthered the growth of 50+ aspiring software engineers through mentorship on advanced JavaScript, data structures, algorithms and full-stack applications

Ocean Health Initiatives, Inc.   **Neptune, NJ**

Registered Dietitian   November 2020 – January 2022

- Gained communication skills through use of motivational interviewing to help facilitate change for self-improvement
- Increased outreach to patients by developing easy to understand nutrition educational materials appropriate for our clientele
- Promoted continuity of care of patients to providers through use of detailed documentation of 30 weekly assessments

EDUCATION & PROFESSIONAL DEVELOPMENT

Hack Reactor Software Engineering Immersive   **San Francisco, CA**

Software Engineering Immersive Student   *January 2022 –* September 2022

Commission on Dietetic Registration   **Chicago, IL**

Credentialed Registered Dietitian   September 2020

University of Michigan School of Public Health   **Ann Arbor, MI**

Master of Public Health in Nutritional Sciences   May 2019

Stockton University   **Galloway, NJ**

Bachelor of Science in Biology, minor in Chemistry   December 2016