Clark Tyra, Full Stack Web Developer

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LINKS

Portfolio: clarktyra.com, Github: github.com/clarktyra

PROFILE

Full Stack Web Developer from a mathematics and teaching background with passionate problem solving experience. Works collaboratively in teams to advance JavaScript and MERN stack skills, and create polished, modern websites.

SKILLS

HTML, CSS, JavaScript	Git, Github, GitLab, terminal
React, React Native	JSX, AJAX, jQuery, Bootstrap
MongoDB, Mongoose	Algorithms, Mathematics
MySQL, Sequelize	Typescript, Java, Python
NodeJs, ExpressJs	

APPLICATIONS

Discipline Builder

- User drafts two possible actions and selects which one they chose
- Choice history tracked with tables and graphics to promote better discipline in user
- Technologies: MySQL, Sequelize, JawsDB, NodeJS, ExpressJS, ChartJs, HTML/CSS
- Deployed Site: www.disciplinebuilder.com

Origin Mobile App

- Mobile app for students to clock in and out of the classroom via their phone
- Home page and dashboard renders up-to-date statistics about the student
- Technologies: React Native, Expo
- Video Demo: www.youtube.com/watch?v=syFihnvZ2vQ&t=17s

EMPLOYMENT HISTORY

Mar 2020 — Present

Web Development Tutor, 2U Inc.

Remote

- Work one-on-one with students over Zoom developing full stack web applications
- Teach software development principles on a detailed level including HTML, CSS, JavaScript, NodeJS, ExpressJS, React, MongoDB, MySQL, algorithms and computer science
- Serve as a guide for the student's program and provide technical advice for assigned web projects
- Communicate with 2U regarding the progress of the student

Jan 2019 — Present

Web Development Teacher Assistant, Trilogy Education Services

San Diego, CA & Remote

- Assist in teaching full stack software development for web boot camps offered by University of California San Diego Extension and the University of Arizona
- Tutor students individually and in small groups to reinforce software engineering principles
- Assess student assignment quality and assign grades to web projects
- Organize and guide student activities including topics such as HTML, CSS, JavaScript, NodeJS, ExpressJS, React, MongoDB, MySQL, algorithms and computer science.
- Collaborate with lead teacher to monitor class schedule and take attendance
- Document and inform Student Success Manager of student progress

Oct 2018 — Dec 2018

Web/Mobile Developer Intern, Origin Code Academy

San Diego, CA

- Worked in team of three to improve the design and functionality of Origin Code Academy's scheduler website and React Native mobile App
- Studied basic project requirements with assigned technical lead, and planned development strategies
- Troubleshot and debugged code ensuring compatibility with devices, browsers, and operating systems
- Strengthened company brand and identity by creating distinctive website and app

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EDUCATION

Sep 2013 — May 2017

Mathematics, BA, University of North Carolina at Asheville

Asheville, NC