

CLAY VANDERKOLK

FULL STACK WEB DEVELOPER

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SUMMARY

Highly motivated and creative entry-level web developer with a strong foundation in designing and developing intuitive user interfaces and robust front and back-end web applications. Proficient in HTML, CSS, JavaScript, TypeScript, Node.js, React, MySQL, and MongoDB. Possessing a mathematical and problem-solving mindset, I excel in creating efficient and user-friendly digital experiences. In addition to technical skills, I bring effective communication and teaching abilities, leveraging my experience in clear communication and video editing. My diverse skill set combines technical expertise with artistic flair, making me a versatile and innovative new, young web developer.

EDUCATION

Taylor University – BS, Mathematics Education

(2018-2022)

- Student Athlete (Men's Varsity Soccer)
 - Led the team on the team's leadership team
 - Four-year starter
- Interviewed Professor Candidates
 - Assigned to a team to interview professor candidates
- Completed 1.5 Years of Engineering and Graduated with Math Degree
 - Completed first half of engineering requirements
 - Completed Math Education degree in 2.5 years

Udemy - Bootcamp + more

(2018-2022)

- The Web Developer Bootcamp 2023
 - Completed Final Project - Full Web Application
 - Learned HTML, CSS, JavaScript, React, Node, MongoDB and More!
- Understanding TypeScript
 - Completed Final TypeScript Project - To Do List
 - Learned OOP with TypeScript
- The Ultimate MySQL Bootcamp
 - Mastered some MySQL queries
- Figma UI UX Design Essentials
- Python
- University of Michigan - Programming for Everybody
 - Refreshed knowledge of Python
- Harvard University - CS50
 - Learned basic principles of computer science
 - Intro to C, Python, HTML, CSS, JS, MySQL

Relevant TU Coursework:

- MAT 180 Problem Solving / Developed Problem-Solving Skills
- SYS 120 Intro to Problem Solving / Learned Python and Won Best Coded Opponent for the Final Checkers Project
- COS 130 Computational Problem Solving for Engineers / Learned C Language and Coded Coin Sorter Machine
- MAT 493 Senior Capstone / Discussed Mathematical Algorithms to Problem Solving as well as Ethical Applications of Math in Solving Real-World Problems

EXPERIENCE

Middle School Math Urban School Teacher

The Potter's House

August 2022 - August 2023

- Communicated lessons clearly and efficiently to teach my students
- Collaborated with diverse coworkers
- Managed over 100 students in a diverse urban setting
- Organized time and resources to ensure effectiveness
- Reflected on peer reviews and analyses of performance

Research Assistant

Taylor University

March 2020-March 2021

- Analyzed quantitative and qualitative statistical data and discovered applicable conclusive evidence
- Interpreted conclusive data for mathematical conferences including HASTI/ICTM and IMERS
- Collaborated with two others to create a concrete plan for analyzing, interpreting, applying, and communicating research.

SKILLS

HTML, CSS, JAVASCRIPT, NODE.JS, REACT, TYPESCRIPT, MYSQL, MONGODB, FIGMA, UI/UX