

### PROFILE

*Highly motivated Engineer with hands-on experience in developing and delivering innovative software solutions and websites - looking for a Software Engineering job or front-end Developer. Demonstrated expertise in full software development lifecycle, including requirements gathering, design, coding, testing, and deployment. Well-versed in optimizing performance and ensuring cross-browser compatibility. Adept at collaborating with cross-functional teams to drive project success and deliver high-quality products. Proficient in HTML, CSS, JavaScript, React, and other programming languages, with a strong focus on delivering scalable and robust software solutions that meet the needs of users and exceed business objectives.*

### COMPETENCIES

- Programming Languages
- Software Development
- Object-oriented Programming (OOP)
- Algorithms & data structures
- Software Testing
- Quality Assurance
- Web Development
- Software Engineering
- Documentation & Technical Writing
- Maintenance & Debugging
- UI & UX Design
- Performance Optimization
- Secure Coding Practices
- Problem Solving

### EXPERIENCE

**Current: Substitute Teacher** at Layton Christian Academy.

**Retail Sales Associate** at Nike

#### Software Engineer Intern, 2022

Andrew Lake (Formerly A&A Computers), Ogden, UT

Managed entire software development lifecycle, from conceptualization and design to coding, testing, deployment, and maintenance. Created efficient, and scalable software solutions that meet specific requirements and address user needs. Analyzed complex technical issues and delivered innovative solutions. Used Java language to develop a Match three app.

- Built and maintained collaborative relations with product managers, designers, quality assurance engineers, and stakeholders.
- Kept abreast of industry trends, emerging technologies, and best practices.
- Enhanced the user experience by implementing key features, including creating game menu and tiles with randomly generated values to provide engaging gameplay.
- Designed and implemented a robust algorithm for random tile placement.

#### Web Developer, 2020-2021

Mouge Salon Suite

Designed, built, and maintained a user-friendly, visually appealing, and functional website for hair salon. Created the structure, layout, and interactivity of websites. Managed front-end development, including creating the user interface (UI) and ensuring a seamless user experience (UX) – Coded using HTML, CSS, and JavaScript.

- Utilized data-driven insights to inform website design, content strategy, and user experience enhancements, along with audience engagement by conducting comprehensive data analysis to identify the target audience.
- Tested the functionality of websites and web applications to identify and fix any issues or bugs.
- Developed highly responsive, user-friendly, and accessible website across different devices and browsers.

## EDUCATION

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### Bachelor of Science in Computer Engineering

Weber State University – Ogden, UT

- Member of the Weber State Men's Soccer Team, and CIGRE (Council on Large Electric Systems)
- Member of the National Society of Leadership and Success (Sigma Alpha Phi)
- Honor Roll Student and Academic Scholarship recipient

### Bachelor of Science in Computer Engineering

Universidade Positivo – Curitiba, Brazil

- Completed one year of coursework
- Completed courses: Engineering Ethics & Project Management

### Front-End Engineer, Present

Codecademy – Online, USA

- Online career course of front-end engineering

## SKILLS

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- Programming in CSS, HTML, JavaScript, React
- C, C++, Java, Python, SQL, GitHub
- Microsoft Office Suite (Excel, Word, PowerPoint)
- Data Analysis
- English, Portuguese, Spanish

## PORTFOLIO

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<https://renanmbs.github.io/>

Explore a collection of dynamic projects showcasing proficiency in HTML, CSS, JavaScript, and React.

### Software Engineer Intern, 2018

Taxon Consultoria Tributária Empresarial, Brazil

Conducted research to optimize and improve the user interface of the system. Successfully transformed spoken language into accurate written text by developing speech-to-text platform using Python and JavaScript. Successfully conveyed the platform's features and benefits, ensuring a clear understanding among stakeholders and promoting adoption.

- Received positive feedback from users for demonstrating high reliability, accuracy, and scalability.
- Maximized user experience by adding a voice command feature, allowing users to interact with the website through speech.

### Computer Lab Assistant, 2019 - 2022

Weber State University, Ogden, UT

Delivered support and assistance to students, faculty, and staff in the computer lab environment. Streamlined end-to-end operations, ensuring the computer lab operates smoothly and efficiently.

- Supported users with computer-related issues, such as software installations, network connectivity, and general troubleshooting.
- Conducted routine maintenance tasks on lab computers and peripherals, such as installing software updates, running virus scans, and cleaning equipment.
- Maintained accurate records and documentation of lab-related activities, such as incident reports, user statistics, and equipment maintenance logs.

Additional Experience as **Soccer Head Coach** at Weber State University and Layton Christian Academy

## TECHNICAL PROJECTS

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**Size Configurator:** Developed a JavaScript-based size configurator for *Monarch Metal*, enabling users to customize and configure sizes according to their needs.

**Senior Capstone:** Developed a marketable product by programming microcontrollers using C++.

**Personal Projects:** Developed a diverse range of personal projects using HTML, CSS, JavaScript, React and API consuming.