Jeremy Hutchings

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LinkedIn | GitHub | Portfolio

EDUCATION

Bachelor of Science in Software Engineering　　　　　　　　　　　　　　　**May 2024**
Utah Tech University　　　　　　　　　　　　　　　　　　　　　　　　　　St George, UT
- GPA 3.91

EXPERIENCE

Code School Instructor　　　　　　　　　　　　　　　　　　　　　**May 2024-Present**
Utah Tech University　　　　　　　　　　　　　　　　　　　　　　　　　　St George, UT
- Developed and delivered interactive web development lessons covering HTML, CSS, JavaScript, Vue, Node.js, MongoDB, and Express
- Provided personalized support and feedback to students, aiding in understanding complex concepts and enhancing programming skills.
- Coordinated with fellow instructors to design a cohesive and comprehensive curriculum, ensuring students are well-prepared for advanced topics

VR Software Developer　　　　　　　　　　　　　　　　　　　　　　**Aug 2023-Present**
Utah Tech Online　　　　　　　　　　　　　　　　　　　　　　　　　　　St George, UT
- Designed and developed VR applications for education and training using Unity and C#
- Collaborated with educators and designers to create engaging VR experiences
- Implemented user feedback and usability testing results to refine and enhance VR applications, improving user engagement and satisfaction

PROJECTS

Visualgorithms | Technologies Used: Next.js, TypeScript, Tailwind CSS　　**May 2024-Present**
- Developing a web application enabling users to visualize various computer science algorithms
- Implemented interactive visualizations for sorting algorithms, allowing users to step through each step of the process

Trveld | Technologies Used: Go, PostgreSQL, Next.js, TypeScript, Tailwind CSS　　**Feb 2024-Apr 2024**
- Developed a web application allowing users to track their travels around the world using an interactive map and then share those travels to other users via a social media aspect
- Followed the MVC design pattern to ensure proper separation of concerns on both front and backend
- Integrated PostgreSQL for efficient data management and retrieval, enhancing user experience

CertSitter | Technologies Used: React, JavaScript, CSS, Firebase　　　**Nov 2023-Nov 2023**
- Developed a web application that enables businesses to track employees' certificates and permits
- Collaborated with three team members during a hackathon to build a functional prototype for which we placed second place
- Utilized Firebase for real-time database functionality, ensuring seamless data synchronization across users.

TECHNICAL SKILLS

- **Programming Languages:** TypeScript, Go, C++, C#, Python, Swift, Kotlin
- **Web Technologies:** React, Next.js, HTML, CSS, Tailwind CSS, REST, RPC/gRPC, Node.js, Express
- **Databases:** MongoDB, MySQL, PostgreSQL
- **Tools & Platforms:** Git, Windows, Mac, Linux