Trevin Shu

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EDUCATION

Northern Alberta Institute of Technology   Edmonton, Alberta
Diploma in Digital Media and IT (Computer Software Development Concentration)   *Sep. 2019 – Dec 2021*

EXPERIENCE

Intern   March 2018 – May 2018
Web3 Marketing   *Edmonton, Alberta*
- Used Photoshop to adjust and print unique web designs that I sourced from the internet, following my supervisor's instructions.
- Conducted research on the latest trends and best practices in web design/development, and presented my findings to my supervisor.
- Contributed to the smooth operation of the office by efficiently handling a variety of tasks, including relaying messages and running errands.

PROJECTS

Notes Application | *React, Tailwind CSS, Firebase Authentication, Firestore*   October 2022 – November 2022
- Created a Full-Stack notes application using Firebase for the back-end and React for the front-end.
- Integrated secure user authentication with Firebase Authentication.
- Allowed authenticated users to create, read, update, and delete notes stored in a Firestore collection.
- Ensured data integrity and user input validation using React Hook Form and Yup.

Weather Lookup Application | *React, Tailwind CSS, Accuweather API*   October 2022 – October 2022
- Developed a weather application with React that displays current weather conditions and a four-day forecast.
- Utilized the AccuWeather API to search for locations and retrieve accurate and up-to-date weather data.
- Achieved excellent scores in Lighthouse audits for performance, accessibility, and best practices (95/100 and 100/100, respectively).
- Improved the user experience with smooth and visually appealing animations using the Framer-Motion library.

Movie and TV Show Info Application | *HTML, SASS, JavaScript, TMDB API*   June 2022 – June 2022
- Built a web application that dynamically displays movie and TV show data on page load and in response to user search queries using The Movie DB API.
- Used The Movie DB API to fetch and display up-to-date movie and TV show information, providing users with rich and engaging content.
- Added a convenient dark/light mode toggle that allows users to customize the colour scheme of the app and saves their preference in local storage.
- Designed and implemented a fluid and responsive slider for navigating between pages of movies and TV shows, enhancing the user experience.

E.S.W. Reporting Portal | *React, Styled Components, Internal API, Figma*   September 2021 – December 2021
- Collaborated with a team of developers and business analysts to redesign and rebuild E.S.W. IT Business Advisors' internal reporting portal using React.
- Utilized Figma to assist in the planning and design of the application mock-up.
- Developed the Front-End for the header, footer, and login page components, using a Figma design document as a reference.
- Earned a grade of 97 percent from the client, with a perfect score for communication skills, time management, and implementation of key features.

SKILLS

Languages: HTML, CSS, JavaScript, C#, PHP, SASS.
Frameworks and Databases: React, Next.js, .NET Framework, Firebase, Tailwind CSS, Bootstrap, Material UI, Firestore, MySQL.
Developer Tools: Git, GitHub, VS Code, Visual Studio, Postman, Parcel Bundler, Vite Bundler, Figma, Adobe XD, Adobe Photoshop.