TRISTAN DUCK

TristanDuck@gmail.com

EXPERIENCE

Software Developer   **Braebon Medical Corporation**   **June 2017 - Present**

Manufacturing Workflow Application (Nuxt JS [Vue]/Laravel/MYSQL)

- Designed and developed a web application that integrates into the manufacturing workflow.
- Improved upgradability and scalability allowing for a faster design process for new feature implementations.
- Decreased data table load times with performance optimizations to streamline workflow efficiency.

Cloud Management Services (JS/PHP/MYSQL)

- Maintained a web application for sleep-related clinicians to manage patients using in-house hardware and software.
- Developed a video conferencing interface using Twilio for appointment bookings.
- Designed and generated site-wide statistics for future trends and forecasting.

Braebon Main Website & Store (Nuxt JS [Vue]/Strapi Headless CMS)

- Fully redesigned and developed a responsive website that fit a modern aesthetic, and have an established brand vision.
- Improved customer ease of use and accessibility with a redesigned storefront with Stripe integration, resulting in an increased customer base.
- Integrated a headless CMS to seamlessly integrate a back-end with an admin panel.

Real-time Data Monitor (Nuxt JS [Vue]/Express.js/Redis)

- Designed and developed a real-time data monitoring tool using WebSockets
- Handled large amounts of data through Redis Pub/Sub and RSMQ (Message Queue) services for load balancing.

SKILLS

Vue.js/Nuxt.js	MySQL	Socket.io / WebSocket
Laravel	MongoDB	Git
Node.js/Express.js	JavaScript	Redis
Materialize/Bootstrap	PHP	Documentation (PQ/OQ)

EDUCATION

Ottawa, ON   **Algonquin College**   **September 2017 – April 2019**

Computer Programming