

Christopher Woodby

Full Stack Software Engineer

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EDUCATION

Austin Community College - May 2019 - incomplete

Business Administration

EXPERIENCE

Hack Reactor - *Software Engineering Student* - 2020 - 2021

- Utilized AWS, Babel, and Webpack to deploy a newly created and fully-developed web application, effectively collaborating with personnel, building widgets in an autonomous environment to support application development.
- Producing a scalable back end environment consisting of 3M-4M lines of data while utilizing MySQL to design a schema and execute an ETL process on all files and data lines to distribute an effective back-end environment for a pre-built, front end client.

Cycle Gear - *Store Manager* - 2018 - 2021

- Established communication preferences with personnel to facilitate timely and direct communication and the obtainment of all organizational objectives and desired metrics.
- Collaborated with 30+ industry vendors to provide tangible feedback regarding clients' needs and the ability that new and existing products had to meet these needs.

Cycle Gear - *Assistant Store Manager* - 2016 - 2018

- Drove store traffic and sales, overseeing Facebook and Instagram social media accounts for the organization, managing data regarding target and ideal audience.
- Recruited the most effective candidates for open positions during a transition in management to facilitate a collaborative environment in addition to the on-time performance of all.

Software Projects

Real Time Flight Tracker

- Developed a unique web application which allows users to track flights in real time with minimal input
- Designed RESTful backend server to archive travel information and provide a secure login.
- Designed a SQL database with simply separated and sanitized queries using the error first callback method.
- Authentication layer added to provide signup/login abilities utilizing SHA256 hashing algorithm.
- Utilized: ES6, Webpack, Node.js, MySQL, Express.js, React with hooks, Javascript, CSS, HTML5, AWS EC2/Route 53, Babel, & React Bootstrap.

API For Ecommerce Web Application

- Developed a scalable backend environment while minimizing query times with schema indexing, and tested with Artillery.
- Designed a modular database with properly and neatly designated and separated routes.
- Implemented an efficient schema design to properly perform a precise ETL process.
- Facilitated API deployment with AWS EC2 instance.
- Confirmed correct operation of front end client connected to the newly created API.