

BLAKE JOYNES

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EDUCATION

Master of Science | Computer Science 2018
Towson University, Towson, MD

Bachelor of Science | Computer Science 2015
Towson University, Towson, MD

EMPLOYMENT

Full Stack Developer, Senior Consultant Feb 2019 - Present
Booz Allen Hamilton

- Developed a simulator application in React to view mock data served from a NodeJS (Express) REST API.
- Used XSD and XSL to convert XML data from database into a viewable HTML page.
- Created a React application that would be integrated into current system of about 5 applications.
- Implemented message queueing system in Kafka to communicate between two single page applications
- Developed reusable 508-compliant React components that are used by more than 3 development teams
- Leveraged knowledge in React, NodeJS, Express, Jest (Unit Testing), HTML, XML, Kafka, Agile Development

Applications Developer, Co-Op Aug 2018 - Feb 2019
United Parcel Service (UPS)

- Developed over 300+ unit tests for the main application utilizing the Xunit framework
- Used problem solving skills in order to identify bugs within the main application.
- Gained experience with C# and the .Net framework while working in an agile environment utilizing Microsoft Team Foundation Server
- Identified and resolved issues with the automated nightly build of one of the department's main applications.
- Leveraged knowledge in C#, .NET, Xunit (Unit Testing), Powershell

PROJECTS

Text Messaging Dashboard July 2020

- Developed a web application in NextJS that sends text message notifications to a group of users using the Twilio API. The backend REST API utilizes NodeJS and ExpressJS and queries a MongoDB database. Users must subscribe to the service through Stripe checkout and their access to the service is determined based on having an active subscription.
- Utilized: NodeJS, Express, NextJS, Twilio, SendGrid, Stripe, Nginx, Git,

Subscription Management Web Application Jan 2019

- Developed a web application in React that manages over 6000+ Stripe subscriptions for online communities.
- Developed a backend REST API in NodeJS and ExpressJS that queries a database utilizing the Mongoose library.
- Created a task scheduling system that utilizes Python, Celery and RabbitMQ to asynchronously remove users from the system that are inactive.
- Utilized: NodeJS, Express, React, SASS, Python, Celery, RabbitMQ, Stripe, Nginx, Docker, Git, Redis