

# Gattlin Walker

## Senior Associate Software Engineer

Missouri State University graduate with a 3.93/4.00 GPA. I have several years of experience in the software development field as an intern, researcher, and now a software engineer. I am very enthusiastic about programming and am constantly trying to learn new technologies and concepts. My areas of interest include web development, data mining, and parallel programming.

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## WORK EXPERIENCE

### Senior Associate Software Engineer Duck Creek Technologies

06/2018 - Present

Remote (IN)

Duck Creek Technologies is one of the leading SAAS insurance software providers.

#### Achievements/Tasks

- Integrating major updates to the General Liability line of business
- Developing monthly stories and bugs
- Updating and maintaining internal applications
- Onboarding new hires

### Grant Research Intern National Aeronautics and Space Administration

10/2019 - 04/2020

Springfield, MO

NASA Missouri Space Grant Consortium Research Grant is given to select MSU students based on professor recommendation. Selected students are tasked to perform a research project with NASA's ECOSTRESS dataset.

#### Achievements/Tasks

- Designing convolutional neural networks to classify and measure the similarity between IR spectra
- Utilizing spectral similarity algorithms to suggest best match pairs of unknown IR spectra
- Result analyzation for both similarity algorithms and convolutional neural networks

Contact : Razib Iqbal - Rlqbal@MissouriState.edu

## EDUCATION

### BS - Computer Science Missouri State University

08/2016 - 05/2020

Springfield, MO (3.93 GPA)

### High School Diploma Bolivar High School

08/2012 - 05/2016

Bolivar, MO (4.00 GPA)

## SKILLS

React

GraphQL

ExpressJS

HTML

CSS

Azure DevOps

Git

SVN

## PERSONAL PROJECTS

### Microbeads Analyzer

- A web application that provides an automated approach to detecting protein beads in images and gathers color intensities to then be analyzed. The information gathered is used to aid in disease detection research. This project was inherited as part of a course project from a previous semester. The application utilizes a **jQuery** frontend, **Flask** backend, and image processing libraries like **OpenCV**.

### Personal Portfolio Website

- A **React** web application using **TypeScript** to talk about my experience in the industry, certificates, education, and research I have performed.

### Client Dashboard

- A fullstack web application using the **PERNG** (PostgreSQL, Express, React, NodeJS, GraphQL) stack. The web application allows administrators to access client created accounts and allow them to perform tasks for clients. Clients can also upload documents and necessary information for the administrator to perform their tasks.

## LANGUAGES

TypeScript/Java  
Script

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Python

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## REFERENCES

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