

# Gattlin Walker

## 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 expand upon my capabilities. My areas of interest include web development, data mining, and parallel programming.

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## WORK EXPERIENCE

### Associate Software Engineer Duck Creek Technologies

06/2018 - Present

Bolivar, MO

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

#### Achievements/Tasks

- Developing client facing applications
- Deploying monthly releases of Commercial Lines Templates
- White box testing
- Creating functional regression test scripts

### 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.

Contact: Razib Iqbal - RIqbal@MissouriState.edu

## EDUCATION

### BS - Computer Science Missouri State University

08/2016 - 05/2020

Springfield, MO (3.93 GPA)

#### Courses

- Grant Research
- Data Mining
- Data Structures
- Internet Programming
- Algorithms
- Calculus II
- Calculus I
- Databases

### High School Diploma Bolivar High School

08/2012 - 05/2016

Bolivar, MO (4.00 GPA)

## SKILLS

React

Angular

Git

HTML

CSS

Azure DevOps

SVN

Keras

## PERSONAL PROJECTS

### Microbeads Analyzer (08/2019 - 12/2019)

- 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 (08/2021 - 09/2021)

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

### PokeDex Web Application (09/2020 - 11/2020)

- A single page web application that utilizes the PokeDex API. The application framework is **Angular**, written in **TypeScript**, tested with **Jasmine**, and also uses **Git** for version control.

## LANGUAGES

JavaScript/Type  
Script



Python



## REFERENCES

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