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 expand upon my capabilities. 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   *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 Structures
- Algorithms
- Calculus I
- Data Mining
- Internet Programming
- Calculus II
- Databases

High School Diploma
Bolivar High School

08/2012 - 05/2016   *Bolivar, MO (4.00 GPA)*

SKILLS

React   Git   HTML   CSS   Azure DevOps

SVN

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

TypeScript/Java Script   ● ● ● ● ●

Python   ● ● ● ● ●

REFERENCES

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