

TREVOR R. STUART

Software Developer

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Objective

Innovative individual searching for the opportunity to join a dynamic development team that is dedicated to building solutions to real world problems. Passionate about problem solving, learning, and helping others succeed.

Education

Bachelor of Arts | History | Franklin College | 2010

Software Development Immersion Bootcamp | Eleven Fifty Academy | 2019

Technical Skills

Languages : C#, Python, SQL, HTML, CSS

Technologies : ASP.NET MVC, ASP.NET Web API

Testing Tools : Postman, Swagger

Skills : Git Workflow, Agile Methodology, Azure Deployment

Certifications

- CompTIA Project+ Certification
- CIW Web Development Associate
- MTA 98-361 Software Development Fundamentals

Professional Experience

Eleven Fifty Academy | Software Development Instructor Trainee | August 2020 – Present

- Currently instructing a software development course that focuses on .NET frameworks, C#, web APIs, as well as HTML and CSS.
- Assist in the development of curriculum, lesson plans, and lectures for the course.
- Work with students one-on-one to help debug projects and go into greater depth of certain subjects.

Beck's Hybrids, Inc. | Seed Lab Manager | February 2012 – September 2019

- Assisted geneticists in the collection and analysis of phenotypic data.
- Analyzed data using Python, Tableau, and MS Excel.
- Wrote Python scripts to automate repetitive tasks for team members.
- Developed and implemented large scale barcoding system to assist in quality assurance and inventory of large seed archive.

Projects

KRNL

- .NET MVC web application for organizing and managing agricultural test trials.
- Tracks the growth of corn using weather data to assist with logistical planning.
- Records trial visits and jobs performed, stores documents needed by employees when visiting test trials, creates ad hoc visualizations for monitoring progress of agronomic duties and data collection tasks.
- Used by Beck's Hybrids, Inc. Research Department.

UAV Imagery Data Analysis

- Member of search committee that identified UAV imagery companies with the goal of taking test plot stand counts on corn.
- Developed Python scripts to align third party data with proprietary data, remove outliers, and evaluate count accuracy.