TREVOR R. STUART

Software Developer

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Software developer searching for an 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.

Professional Experience

Software Development Instructor

Eleven Fifty Academy August 2020 – Present

- Instructor of software development in a team-teaching environment.
- Subjects taught: C#, HTML, CSS, SQL, .NET Entity Framework, .NET Core, Blazor, and Agile Methodology.
- Developed applications and wrote lesson plans for Blazor WASM, dependency injection, and database architecture.
- Part of team that restructured software development course from full-time to part-time schedule.
- Wrote a comprehensive study guide and led study sessions for students attempting Microsoft's MTA 98-361 Software Development Fundamentals certification exam.

Seed Lab Manager

Beck's Hybrids, Inc. February 2012 – September 2019

- Assisted geneticists in the collection and analysis of phenotypic data on agricultural crops.
- Developed tools for team members to streamline or automate day-to-day tasks using Python scripts, MS Excel, and a database UI known as PRISM.
- Developed and implemented large scale barcoding system to assist in quality assurance and inventory of large seed archive.
- Acted as point person in the identification and purchase of new software and hardware technologies – as well as the troubleshooting, training, and implementation of those technologies.
- Managed a team of six technician level employees.

Education

Software Development Bootcamp | Eleven Fifty Academy | 2019
Bachelor of Arts | History | Franklin College | 2010

Technical Skills

Languages : C#, Python, SQL, HTML, CSS
Technologies : .NET EF, Bootstrap, Blazor
Testing Tools : Postman, Swagger
Skills : Git Workflow, Agile Methodology

Certifications

- CompTIA Project+ Certification
- CIW Web Development Associate
- Udacity Nanodegree - Data Analysis
- MTA 98-361 Software Development Fundamentals

Current Project

Nukleo

Application for the management of agronomic test trials. 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. Built as a .NET EF Web API with a React front-end.

https://github.com/tstuart87/Nukleo