Marco Tena Salais

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Summary

Strategic Software Engineer skilled in application development, testing and optimization. Excels at coordinating ground-up planning, programming, and implementation for core modules. Maintains strong object-oriented and software architecture fundamentals.

Skills

- Experienced in C++, C#, Python, and Java
- Linux Environments
- Node.js with Angular

- Azure CI/CD
- Team Collaboration
- Project Coordination

Experience

Application Developer | Virtual Soldier Research Program - Iowa City, IA | 06/2020 - Current
- Developed GUI in a WPF and Winforms environment
- Assisted in training new developers.
- Developed user interfaces for compatibility with display formats per customer requests and client-provided parameters.
- Conducted full lifecycle software development from planning to deployment and maintenance.
- Provided technical leadership, guidance, and oversight into implementation of product features.
- Held weekly staff meetings to help communicate management initiatives.
- Worked closely with development team members to identify and remove software bugs.
- Assist is experimentation and data verification

Software Intern/ Research Assistant | Virtual Soldier Research Program - Iowa City, IA | 04/2019 - 05/2020
- Identified, researched and evaluated innovative machine vision technologies for hazardous spill detection.
- Implemented DH matrix algorithm for 3D space point location using C#
- Designed and implemented plugin for TitanTM in C++, C# and JavaScript

Shift Manager | Rollipop Rolled Ice Cream - Iowa City, IA | 01/2018 - 08/2019
- Lead a staff of 2-6 crewmembers
- Delegate responsibilities and duties for day-to-day operations
- Resolve disputes between employees.

Education and Training

The University of Iowa | Iowa City, IA | 05/2020
B.S.E: Computer Science and Engineering

Languages

Spanish:

Professional