MARCO TENA SALAIS

319-400-9046 · marco.tenas@gmail.com · West Liberty, Iowa

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

EXPERIENCE

06/2020 – CURRENT

APPLICATION DEVELOPER, VIRTUAL SOLDIER RESEARCH PROGRAM

- Developed GUI features using WPF and WinForms in .NET environment
- Developed Java plugin as a wrapper for C++ code in US Army STAFF Maven framework
- Developed plugging for Unreal engine to show migration capabilities
- Provided technical leadership, guidance, and oversight into implementation of product features.
- Worked closely with development team members to identify and remove software bugs using agile
- Assist is experimentation and data verification for US Army ACFT study

04/2019 – 06/2020

SOFTWARE INTERN, VIRTUAL SOLDIER RESEARCH PROGRAM

- Identified, researched, and evaluated machine vision technologies for hazardous spill detection.
- Implemented DH matrix algorithm for 3D space point location using C#
- Designed and implemented plugin for Titan™ in C++, C# and JavaScript

01/2018 - 08/2019

SHIFT MANAGER, COMPANY

- Lead a staff of 2-6 crewmembers
- Delegate responsibilities and duties for day-to-day operations
- Resolve disputes between employees

EDUCATION

MAY 2020

B.S.E: COMPUTER SCIENCE AND ENGINEERING, UNIVERSITY OF IOWA

My degree in C.S.E. combines the advance concepts and technical expertise of computer science with the ability to apply said concepts to a wide verity of real-world applications.

SKILLS

- Experienced in C++, C#, Python, and Java
- Linux Environments
- .NET Environments
- Azure CI/CD
- Project Coordination
- GIT