



DANIEL NGUYEN



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OBJECTIVE

Final Test Technician with 3+ years of experience testing medical systems, developing in-house application, and maintaining database. Possess a B.S in Software Engineer and expertise in C# development with Visual Studio. Looking to leverage my knowledge and experience in an Engineering opportunity.

SKILLS & ABILITIES

C#, Visual Basic, .NET, SQL

JavaScript, HTML, CSS

Problem Solving

Adaptability

Teamwork

Strong Work Ethic

EDUCATION

B.S SOFTWARE ENGINEERING

San Jose State University

AS-T COMPUTER SCIENCE

Evergreen Valley College

CERTIFICATE & AWARDS

Udemy C# Intermediate Certificate

Codecademy C# Certificate

Varian Bravo Recognitions

EXPERIENCE

FINAL TEST TECHNICIAN III

Varian, A Siemens Healthineers Company / May 2018-Present

- Develop in-house applications and generate reports to help managers and technicians with organizing, planning, coordinating, and controlling.
- Ensure that all products met functional and design specifications.
- Perform the set-up, calibration, testing and troubleshooting of circuits, components, instruments, and mechanical assemblies.
- Assist a cross-functional team with software issues.
- Determine and developed test specifications, methods and procedures from drawings and diagrams.
- Trained 2 test technicians during a period of company expansion to ensure attention to detail and adherence to company policy.

PROJECT OWNER

PROGRESS REPORT | C#, VISUAL BASIC, .NET, SQL

- Developed entry processes to record and display large amounts of data to over 50 users every day.
- Implemented status of the machines, testing time, delta shifts and efficiency of users.
- Generated shifts pass down, assignment, and schedule for 18 working locations.
- Created an automated process to set machine complete.
- Work on automated email notification for OT/PPL requests

PARAMETER CHECKS | C#

- Used iText to convert PDF files of scan results to text.
- Utilized Optical Character Recognition (OCR) technology with Tesseract library to scan images to text.
- Run multiples test scan results to compare values which saves more time for test technicians to identify mismatch data.

DRONE IT OUT | SWIFT, OBJECTIVE-C

- Researched and implemented scalable for voice control, predefined paths, and flying patterns for the drone.
- Collaborated closely with team members and advisor to plan and develop robust solutions.
- Reported project status and technical issues with professors.
- Achieved 100% completion of the project and got max points.

ONLINE WHITEBOARD | JAVASCRIPT, HTML, CSS

- Built a real time online whiteboard for users work remotely using Canvas, Obiter server, and PubNub.
- Corrected errors, upgraded interface, and improved security and performance.
- Made the responsive website by using Bootstrap framework.
- Added 2 more features such as real time video calls and chat message.