

Darrell T. Anthony

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Skills & Expertise

- Software Development
 - Android
 - Windows
 - Linux
- Process Improvement
 - Problem Solving
 - Planning & Scheduling
 - Quality Assurance
- Embedded Systems
 - Test Engineering
 - Regression Test
 - System Test

Professional Experience

WisEngineering, Denville, NJ
Software Engineer IV

04/2019 to present

- **U.S. Army - Combat Capabilities Development Command Armaments Center, Mortar & Common Fire Control Division, Picatinny Arsenal, NJ**
 - Member of the Fire Control team to provide system requirements, software design, coding (Android, Windows & Linux), software/system analysis, process, software verification, documentation and testing.
 - Develop new and maintain current artillery and mortar fire control applications.

On-Net Surveillance Systems, Inc., Pearl River, NY
(purchased by Qognify December 2018, position was outsourced)
Quality Assurance Manager / System Test Manager

03/2010 to 02/2019

- Created the Quality Assurance and System Test process using Microsoft Team Foundation Server (TFS) for the base of the engineering process. This evolved from an Excel spreadsheet to over 8000 documented test cases. This test process was repeatable and reliable over the product life cycle.
- Managed the System Test department responsible for all aspects to provide the highest quality product to the customer. Each release was better than the prior release. This includes a Windows based Client (7, 8.1, 10) / Server (2008R2, 2012R2 and 2016), Web (Chrome, Edge, IE, Firefox, Safari), iOS and Android modules.
- Ensure that all requirements are verified to industry specifications and standards.
- Attended software review and improvement (C, C++, .Net framework) meetings to ensure accuracy of features and changes.
- Provided support to Sales, the Technical Support group in-house as well as at customer sites. Visited customer sites to gain a better understanding on how the customer uses the product. Gained information on how to improve our process firsthand.
- Executed 3rd party test and qualification requirements to ensure certification of the products as desired in the 3rd party environment. This includes visiting the 3rd party sites.
- Provide cross-function training and 'show-n-tell' for Technical Support and Sales to ensure the team was up-to-date prior to product release.
- Communications between all levels of Development and upper level management.

Dialogic, Parsippany, NJ (a former Intel Company)
Engineering Manager

12/1990 to 12/2008

- I held various roles in the 18 years at Dialogic: from hands-on software engineering using C/C++ and embedded development to managing various groups of C/C++ Software Engineers.
- As a manager, I was responsible for the hiring, training, appraisals and performance reviews of staff. Managed resources, work flow, and resolved various issues and customer problems. I developed budget, manpower, risk and scheduling requirements.
- I was a member of the ISO-9001 process team that achieved certification on the first attempt. We successfully completed all follow up audits in our areas of responsibility.
- As a hands-on software engineer, I designed and developed C/C++, embedded assembly language and web based applications using Microsoft based products. All aspects of the development cycle were used for these applications, from architectural design and analysis to the actual development, testing and release. The web based applications were developed using HTML, PHP, ASP, and JavaScript. The database based applications used simple CSV files to SQL based structures to track the production process to customer issue archiving.
 - **Team Lead - Customer Enablement / Software Engineer:** Coordinate all Host Media Processing (HMP) customer issues to ensure rapid resolution to customer issues. This entailed determining the root cause of the problem and then coordination of resources and logistics to provide the customer with a quick and accurate solution to these issues. These issues were not planned and were escalated to the group from the customer services group. On several occasions when resources were not available my developer skills were called upon to correct the issue.
 - **Engineering Manager – HMP System Test:** Managed the system test process and test of HMP Windows and Linux releases.
 - **Engineering Manager – System Integration:** Managed the integration process and testing of computer based telephony servers. These servers consisted of embedded Windows operating system with several computer telephony assemblies. Provided system level test and integration instructions for these servers.
 - **Engineering Manager – Function Test:** Managed the test design, development and implementation of computer based telephony software using several engineers and a build manager. I provided functional test for products and components for several business units. Maintained the build and test process for several projects.
 - **Group Leader - Test Engineering:** Managed the test design, development and implementation of computer based telephony assemblies using 9 Test Engineers and 2 Technicians to provide process for four (4) business units. Supported test and sub-contractors on test related issues. Maintained project schedules and represented Test Engineering on development teams. Developed budget, manpower, risk and scheduling requirements.
 - **Senior Test Engineer:** Developed test process using Microsoft C/C++, Microsoft MASM, Motorola 56K DSP tools, and TI C31 DSP tools for applications, embedded Intel x86 family and DSP systems. Designed dedicated and PC based test fixtures.

Education/Training

- AI / Deep Learning – Ongoing
- C / C++
- Process Improvement
- Agile methodologies and tools
- Cybersecurity Applied to Embedded Systems
- Ballistics – Ongoing
- Python
- Capability Maturity Model
- Team Foundation Server (TFS)

Fairleigh Dickinson University, Teaneck, NJ: BS in Electrical Engineering Technology - 1993
Metropolitan Technical Institute, Saddle Brook, New Jersey: Electronics Certificate - 1978