

NOE

NATE O'LEARY ENTERLINE

COMPUTER SCIENCE MAJOR | www.techsolutionsnate.com

OBJECTIVE

Experienced Interactive Electronic Technical Manual developer and computer science graduate. Track record as a self-starter and a quick learner. Constantly seeks out additional responsibility. Works well under pressure and with uncertainty. Constantly looking for opportunities to learn new skills.

SKILLS

Java
C++
JavaScript
HTML
PHP
CSS
XML
Python
XPath
SQL
Linux
Bash
Wireguard
OpenVPN
React
Visual Basic

EXPERIENCE

BUSINESS SYSTEM ANALYST LEAD • GENERAL ATOMICS AERONAUTICAL SYSTEMS INC

• JUNE 2024-PRESENT

- Led a cross-functional team of six, including Software QA personnel, to manage and optimize software systems used in developing technical publications.
- Acted as the primary liaison between technical staff and end-users to ensure business needs were met through customized software solutions and enhancements.
- Conducted in-depth analyses of current business processes, identifying areas for improvement and implementing system updates to drive operational efficiencies.
- Designed and coordinated the development of detailed reports and dashboards, enabling stakeholders to monitor progress and outcomes effectively.
- Oversaw software quality assurance processes, ensuring all deliverables met organizational standards and regulatory compliance.
- Championed the evaluation and integration of new software technologies, ensuring alignment with business goals and seamless adoption by the team.
- Provided training and mentorship to team members on software applications and best practices, fostering a culture of continuous improvement.

Special Projects

- When a staging environment was updated with production without warning a team lost 6 months worth of work. I created a recovery plan that got the team back within 2 weeks.
- Technical Lead for data cleanup project to address over 35,000 errors across 5,500 files caused by outdated authoring rules.



[NATE@TECHSOLUTIONSNA
TE.COM](mailto:NATE@TECHSOLUTIONSNA
TE.COM)



919-500-1287



[www.linkedin.com/in/
nate-o-enterline](http://www.linkedin.com/in/
nate-o-enterline)



NATE O'LEARY ENTERLINE

COMPUTER SCIENCE MAJOR | WWW.TECHSOLUTIONSNATE.COM

.NET
Diagnostician
GitHub
Arbortext
SDL Contenta
PTC Windchill
S1000D
MIL-STD-3048
MIL-STD-38784

- Technical Lead for image conversion effort conversion of 1,000+ images to meet updated file type requirements.
- Created an XML redaction tool to facilitate transition to new viewer.
- Created an error free publishing application that was able to read logs and replace XML files with errors with templates to allow development publishes can proceed.
- Technical Lead for the transition from SDL LiveContent viewer to GPSL Viewpoint. Which required the creation of multiple applications to create a streamlined process. This transition reduced publishing time by 80%.

SOLUTIONS ARCHITECT • GENERAL ATOMICS AERONAUTICAL SYSTEMS INC • NOVEMBER 2022-JUNE 2024

- Assists in implementing new technologies for Technical Publications department by performing user acceptance testing and working with database administrators, server administrators, and with third-party company that develops new functionality for our CSDB.
- Creates and maintains applications that create efficiencies and expand capabilities for the department.
- Help develop an implementation strategy for new technologies.
- Review documentation of new technologies to exploit the functionality for efficiency gains.
- Diagnoses and fixes any database errors by working with companies Information Technology group and with a third-party company responsible for code maintenance of Common Source Database.
- Makes decisions on how to implement new data into database that allows for data reuse and complies with S1000D authoring standard and MIL-STD-3048.
- Diagnoses and fixes issues that arise from technical writers developing new content.



NATE@TECHSOLUTIONSNA
TE.COM



919-500-1287



WWW.LINKEDIN.COM/IN/
NATE-O-ENTERLINE



NATE O'LEARY ENTERLINE

COMPUTER SCIENCE MAJOR | WWW.TECHSOLUTIONSNATE.COM

- Diagnoses and fixes any issues that the customer experiences when using the IETM.
- Create policy and processes to ensure a consistent quality product.

Additional Responsibilities

- Database administrator for Oracle SQL Database. Includes but is not limited to database maintenance, Diagnostics and repair, Standing up new databases.
- Systems Administrator for SDL Contenta software. Includes but is not limited to. Functional Acceptance testing of new application servers. Diagnostics of publishing issues. Maintenance of publishing engine.

PRODUCT INTEGRITY LEAD • GENERAL ATOMICS AERONAUTICAL SYSTEMS INC • FEBURARY 2021-NOVEMBER 2022

- Developed team from conception to deployment.
- Responsible for the integrity of technical data in Interactive Electronic Technical Manual.
- Constructs environment for data reuse applicability based on S1000D version 4.1 and 4.0.
- Write scripts to check all files in technical manual to ensure that all data complies with S1000D and MIL-STD-3048.
- Verify that data being delivered complies with all federal export compliance which includes but not limited to International Traffic in Arms Regulations (ITAR)
- Maintains internal webpage to communicate best practices.
- Diagnose all issues involved with invalid XML.
- Diagnose all issues related database.
- Develops Product Integrity process.
- Performs Product Integrity checks on all deliverable products.

Special Projects



NATE@TECHSOLUTIONSNA
TE.COM



919-500-1287



WWW.LINKEDIN.COM/IN/
NATE-O-ENTERLINE

NOE

NATE O'LEARY ENTERLINE

COMPUTER SCIENCE MAJOR | WWW.TECHSOLUTIONSNATE.COM

- Member of the lead group that transitioned the company from Contenta database to Windchill database.
- Member of lead group that transitioned the company from S1000D 4.0 to S1000D 4.1.
- Project manager and developer for capstone project which created XML validation software for General Atomics.
- Member of team that selected the new IETM viewer software.
- Lead member of test an implementation team for new IETM viewer.
- Lead data architect for transitioning 3 manuals from SGML to S1000D 4.1 XML.

PUBLISHING LEAD • GENERAL ATOMICS AERONAUTICAL SYSTEMS INC • NOVEMBER 2018 – FEBRUARY 2021

- Chosen to stand up the newly created publishing team
- Responsible for the software publish of the interactive electronic technical manual.
- Create install packages for the Interactive Electronic Technical Manual.
- Create software deliverable packages.
- Develops scripts to parse the publication logs for errors so they could be fixed.
- Develops process for publication of software to ensure consistent quality.
- Diagnose all publishing errors.
- Maintains internal webpage that displayed technical manual for internal review.

DEPARTMENT SPECIALIST • GENERAL ATOMICS AERONAUTICAL SYSTEMS INC • JANUARY 2017 – NOVEMBER 2018

- Responsible for delivering software product to customer.



NATE@TECHSOLUTIONSNATE.COM



919-500-1287



WWW.LINKEDIN.COM/IN/NATE-O-ENTERLINE



NATE O'LEARY ENTERLINE

COMPUTER SCIENCE MAJOR | WWW.TECHSOLUTIONSNATE.COM

SYSTEMS ADMINISTRATOR • UNITED STATES NAVY FLEET READINESS CENTER SOUTHWEST • JUNE 2013 – JANUARY 2017

- Responsible for the maintenance of the aircraft maintenance database server.
- Create accounts for new employees.
- Responsible for receiving aircraft from commands and uploading into database.
- Responsible for the transfer of aircraft out of the database to new commands.
- Download flight data from aircraft and made the data presentable to leadership and maintainers for review.

SYSTEMS ADMINISTRATOR • UNITED STATES NAVY STRIKE FIGHTER SQUADRON 195 • DECEMBER 2009 – JUNE 2013

- Responsible for the maintenance of the aircraft maintenance database server.
- Create accounts for new employees.
- Download flight data from aircraft and made the data presentable to leadership and maintainers for review.
- Responsible for maintaining electronic documentation of aircraft to demonstrate airworthiness.
- Lead for every major transition to and from deployments and detachments.
- During transitions made sure server was up and running and that all maintainer computers could access the database server. Diagnosed all connectivity errors.

EDUCATION

MASTERS OF SCIENCE IN CYBERSURVIVAL SPECIALIZATION ETHICAL HACKING
• AUGUST 2026 (EXPECTED) • NATIONAL UNIVERSITY



NATE@TECHSOLUTIONSNATE.COM



919-500-1287



WWW.LINKEDIN.COM/IN/NATE-O-ENTERLINE



NATE O'LEARY ENTERLINE

COMPUTER SCIENCE MAJOR | WWW.TECHSOLUTIONSNATE.COM

Relevant Courses:

- Wireless and Mobile Security
- Cloud Security
- Threat Modeling & Intel
- Ethical Hacking
- Red Teaming
- Advanced Penetration Testing

BACHELOR OF SCIENCE IN COMPUTER SCIENCE • APRIL 2022 • NATIONAL UNIVERSITY

Relevant Courses:

- Web and Mobile App Development
- Artificial Intelligence
- Computer Communication Networks
- Database Design
- Algorithm Design

ASSOCIATES IN APPLIED SCIENCE AUTOMOTIVE TECHNOLOGIES • MARCH 2003 • WYOTECH

ADDITIONAL INFORMATION

- My own website is created from scratch and hosted a cloud environment.
- Set up a family File Cloud cloud storage.
- Set up a family 3CX phone system.
- Created my own home network with multiple VLANs.
- Used Docker to host multiple websites on one Server with reverse proxy.
- Created home projects utilizing Python.
- Created several Web Application.



NATE@TECHSOLUTIONSNATE.COM



919-500-1287



WWW.LINKEDIN.COM/IN/NATE-O-ENTERLINE



NATE O'LEARY ENTERLINE

COMPUTER SCIENCE MAJOR | WWW.TECHSOLUTIONSNATE.COM

- Assisted a business in taking their web application live online complete with user database, encrypted data, and payment processing.
- Setup Travel WiFi complete with VPN to home network.
- Achieved rank of Eagle Scout in the Boy Scouts.
- Currently hold a private pilot certificate with an instrument rating.
- Avid traveler
- Prior to my military service I was a Ford certified electronics technician.



NATE@TECHSOLUTIONSNATE.COM



919-500-1287



WWW.LINKEDIN.COM/IN/NATE-O-ENTERLINE