Jason N Mansfield 2019 Curriculum Vitae

Jason Mansfield

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Contact Information

Contact method	
Telephone	(757) 753-0085
Email	trentonknight@gmail.com
Social	[trentonknight @ **Linkedin**](trentonknight)

Education

Universities Attended

- **2005-2006**
  - ECPI University
    - 5555 Greenwich Rd. Virginia Beach, VA 23462
    - IT/Computer Programming
- **2007-2013**
  - REGIS University
    - 3333 Regis Boulevard. Denver, CO 80221-1099
    - Bachelor of Science in Computer Science
      - Graduated with 3.413 GPA
      - Deans list Spring of 2013
      - CPS accredited by the Computing Commission of ABET

> Awarded a Bachelor of Science in Computer Science from Regis University on the 23rd of August 2013 with a GPA of 3.413. The Computing Accreditation Commission of ABET accredits this Computer Science degree. Additionally, after receiving a grade of A in both Calculus I and II, followed by an A in Linear Algebra, I earned Dean List Recognition in the Spring of 2013.

Work History

Brief on work history

- U.S. Coast Guard Cyber Command
  - Timeframe: 2017 to current
    - Position Title: Battle Bridge Supervisor
    - Job description

As a watch supervisor for the CGCYBER NOSC EOC Battle bridge I am responsible for managing and leading the Analysts in successfully meeting senior leadership expectations of monitoring enterprise information systems for critical events, remedying incidents & problems, granting or denying access requests, and fulfilling valid requests. Additionally, I spend some time training new and existing analysts with developing new Powershell scripts to help with the automation of goals in bulk or faster. Watch Supervisors develop and perform the DODIN and bi-weekly briefs to Leadership directly.

- USCGC DILIGENCE WMEC-616
    - Timeframe: 2014 to 2017
        - Position Title: Cutter Systems Manager
        - Job description

While attached to this unit I independently managed the USCGC DILIGENCE shipboard LAN network, this included cabling, and security for two Cisco 3750G switches. Troubleshot shore side cabling issues connecting to WAN infrastructure in multiple locations such as Wilmington, NC, Key West Florida, Naval Station Guantanamo Bay Cuba, Naval Station Mayport Florida. Shipboard administrator for two host servers each containing multiple virtual servers including Microsoft Server 2008 R2 and Microsoft Exchange and others. I Managed both CGONE and SIPR networks and all associated equipment such as TACLANE, Routers, HDSL modems, and all cabling onboard and to the WAN. Administrated, repaired and replaced several satellite systems such as KVH (KU-Band) and Fleet Broadband (Inmarsat B). Maintained all shipboard workstations on both CGONE and SIPR networks handling installing, updating, recap, drmo and secure destruction of all associated hardware. Supported all shipboard printers including CGONE and SIPR side hardware. Maintained shipboard phone systems. Above duties as the only onboard technician, I was expected to qualify and stand watch as a "boatswain mate of the watch," "gangway petty officer of the watch," and "sounding and security watch." I volunteered for and stood security watch for law enforcement operations dealing with illegal migrants and drug trafficking detainees and "Anti Terrorist Force Protection."

- ESD CHESAPEAKE/FINCEN INFO SYS DIV
    - Timeframe: 2010 to 2014
        - Position Title: Systems Service Technician
        - Job description

ESD Chesapeake is located at the US Coast Guard Finance Center in Chesapeake Virginia. I performed many tasks related to IT related inventory. I spent almost 75% of my time involved in Custodian associated functions during my first two years at FinCEN. I was assigned the responsibility of TASM or Trusted Agent Security Manager for a period. The TASM duty required me to manage our Trusted Agents and monitor their Certification Training and other needs. The Finance Center has two buildings, one consisting of primary accountants and financial type managers, while the second building annex houses primarily Database Administrators. The DBA's develop and maintain the business application, and we as Information Technology Specialists support Standardized workstations. Due to the vast variety of software used, the need for a solid understanding of Oracle database clients, Java environments, ODBC drivers and other financial suites needed. I also administrated a Nortel/Avaya CS1000 Public Branch Exchange and its associated premise, circuits and designated phones. I was awarded the Commandant's Letter of Commendation upon my departure from the USCG Finance center.

- USCGC LEGARE WMEC-912
  - Timeframe: 2007 to 2010
    - Position Title: Cutter Systems Manager
    - Job description

During my service with the USCGC LEGARE WMEC-912. I was a Surface swimmer, Combat Watchstander, Radio Watchstander, Bearing taker, Anti Terrorism Force Protection and many other responsibilities. Our primary missions were Law Enforcement related. Technician wise I administrated a Windows Exchange server and our Windows based customers as well as maintained an eON PBX and associated cabling. Satellite connectivity was always an issue and required constant adjustments and maintenance. During a 2009 mission to Africa I was appointed to administrate a VMWare based Linux server which hosted our guest nations, this was part of an ongoing effort to improve various African countries maritime security forces. I also installed and administrated our SCCS or Shipboard Command and Control System a UNIX based platform. I received a Letter of Commendation at the end of this tour.

- U.S. NAVY STRIKE FIGHTER SQUADRON EIGHT-ONE VFA-81
  - Timeframe: 2003 to 2005
    - Position Title: Aviation Ordnanceman (AO)
    - Job description

In 2004 VFA-81 I deployed with Carrier Air Wing Seventeen CVW-17 on the USS John F. Kennedy CV-67 for its final cruise before decommissioning. My time in the Mediterranean and the Arabian Sea consisting of standard Aviation Ordnanceman tasks such as weapons systems maintenance, loading team member and other flight operation related efforts on the flight deck. During the course of operations in Iraq, 54,000 pounds of ordnance were dropped by the jets of CVW-17 squadrons, including F/A-18s Hornets from the Blue blaster of Strike Fighter Squadron (VFA) 34, the Rampagers of VFA-83, the Sunliners of VFA-81 and F-14 Tomcats from the Jolly Rogers of Fighter Squadron (VF) 103. The John F. Kennedy Strike group supported Operations "Iraqi Freedom," "Enduring Freedom," and "Al Fajr." During flight operations, I spend the majority of my time (arming) and retrieving (de-arming if needed) several jets, something which became critical near the end of this patrol during Al Fajr or the second battle of Fallujah.

- U.S. NAVY STRIKE FIGHTER SQUADRON ONE TWO FIVE VFA-125
  - Timeframe: 2001 to 2003
    - Position Title: Aviation Ordnanceman (AO)
    - Job description

I spent my first two years in the US Navy at STRIKE FIGHTER SQUADRON ONE TWO FIVE VFA-125 ROUGH RAIDERS directly after boot camp and A school. I learned how to load and lead ordnance loading teams in a professional manner, flight deck operations, ordnance safety and many other basics during this timeframe. I had the pleasure of working with and for US Marines during my time with the Rough Raiders. I was awarded a Letter of Commendation at the end of this tour.

Professional and educational experience

Programming Languages

I have the most experience with the following languages.

RUST

```rust
fn aws_serverless(){
  println!("Currently working to develop a service with AWS Lambda");
}

fn main() {
    println!("RUST language!");
}
```

C and C++

```cpp
int main() {
  cout << "C and C++";
  cout << "Used throughout college for learning basic algorithms."
}
```

Python

```python
import pandas as used_for_searching_csv_files
from  scipy import used_for_many_years_scipy_addict
import matplotlib.pyplot as used_for_years
import numpy as same
from sklearn import of_course

print("Python!")
```

Powershell

```powershell
import-module activedirectory

$Session = New-PSSession -ConfigurationName Microsoft.Exchange

write-host "Primarily use Powershell for analyst efforts at CGCYBER."
```

LaTeX

```latex
\documentclass{article}
\begin{document}
LaTeX
\end{document}
```

Java

```java
public class MainActivity extends Activity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {

    String java = "Used Android Studio primarily throughout college. Used for senior
    capstone project."
}
```

Software Architectures and Engineering experience

```
Openstack, Moodle, Wordpress, Microsoft Active Directory and Exchange, Git hosting,
Docker, and custom websites using various open source SQL database.
```

Research

```
My current effort is to create a serverless application using the RUST Language with a
container based platform. I am exploring options with various approaches such as AWS
Lambda, Kubernetes, and Apache OpenWhisk. Clearly RUST is a new language and for now
some efforts may require use of Node.js. Additionally, I am investigating WebAssembly
```

How to best view this Resume

Viewing as a PDF

To view as a PDF use the following URL: jnmansfield_resume2019.pdf

HTML

This resume has been written for viewing as plain text ascii or may be improved using asciidoctor.

💡 This text should be saved with the extension *.adoc.

Viewing resume in HTML format

To view this resume as HTML use the following steps.

Change the file format extension to *.adoc.

```
mv jnmansfield_resume2019.txt jnmansfield_resume.adoc
```

Install asciidoctor

The asciidoctor tool must be installed. Examples are below or may be found on **Github** here: asciidoctor @ **GitHub**

Arch Linux

```
pacman -S asciidoctor
```

Fedora Linux

```
dnf -y install asciidoctor
```

Ruby Install

```
gem install asciidoctor
```

Install from source code

```
git clone https://github.com/asciidoctor/asciidoctor.git
```

Clone the latest version of this resume

The latest version of this resume may be retrieved here:

```
git clone https://github.com/trentonknight/jnmansfield_cvitae.git
```