



**GENERAL DYNAMICS**  
Information Technology

**SYSTEMS/SOFTWARE/SECURITY  
ENGINEER INTERN AT GDIT**

CAMERON KANE

# GENERAL DYNAMICS

- General Dynamics is a global aerospace and defense company. Our broad portfolio of products and services includes business aviation; combat vehicles, weapons systems and munitions; IT and C4ISR solutions; and shipbuilding and ship repair. #99 on Fortune 500 list



GDIT

# What We Do

Cloud

Emerging Technology

Enterprise IT

Data & Analytics

Mission Services

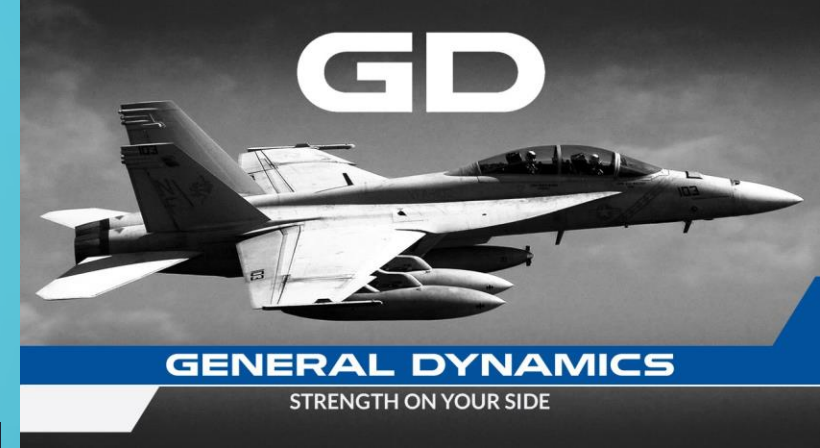
Cyber

Enterprise Business Solutions

Application Services

Managed Services

# HOW DID I GET THIS INTERNSHIP?







# WHAT DID I DO?

- Bash scripting
- Server Updates and Configuration
- Implementation Plans
- Implementation Design
- Inventory management of servers

## Computer Science Major



What my friends think I do.



What my mom thinks I do.



What society thinks I do.



What my professor thinks I do in class.



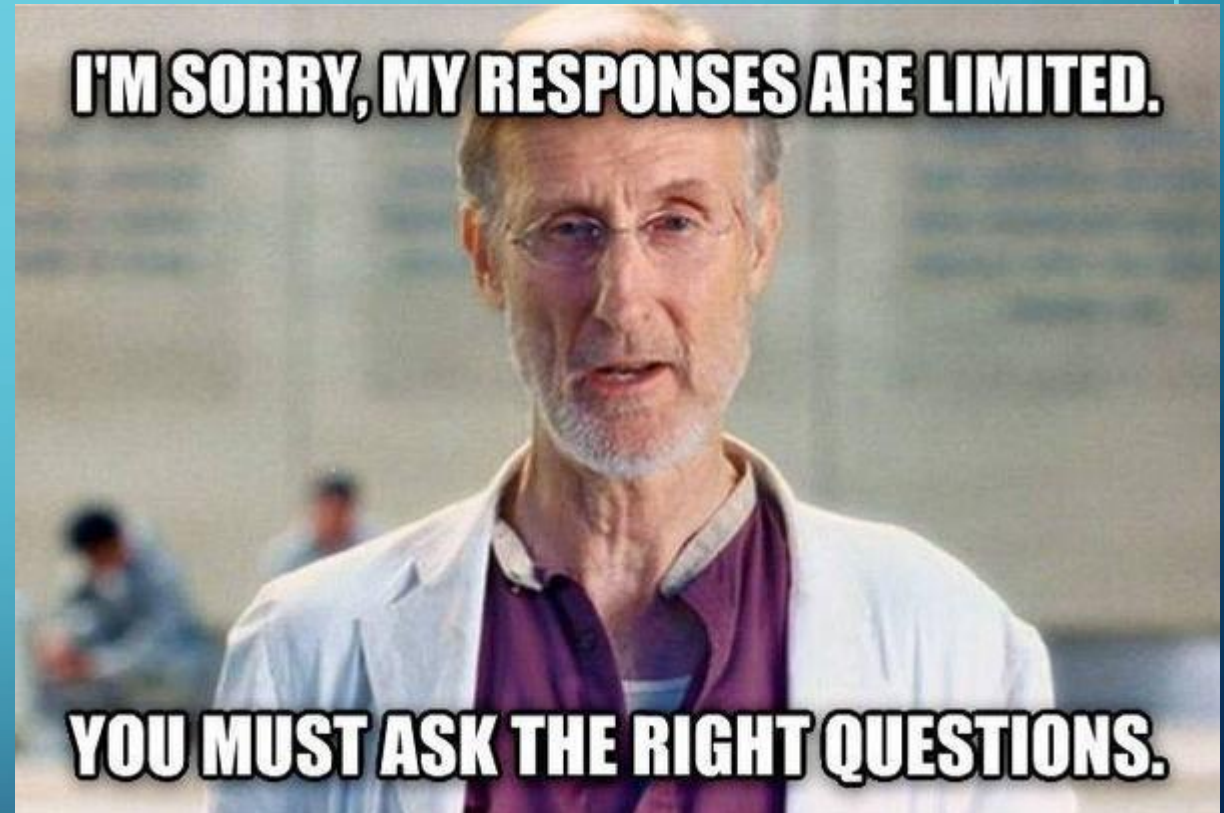
What I think I do.



What I actually do.

# CHALLENGES

- Implementation plans – research
- Bureaucracy
- Tech support
- Rules & regulations compliance





# CLASSES THAT SHOWED UP AT WORK

- COSC 350 – Systems Software
  - Bash scripting and server upgrades/interaction (Redhat Linux)
- COSC 425-426 – Software Engineering
  - Implementation and Design



# WHAT I LEARNED

- How the problem to solution pipeline works in the field
  - Problem > design requirements > design Solution > implement solution
- How to interface with many different teams
- A lot about security protocol and Government rules and regulations surrounding cybersecurity
- Got a lot more fluid in the Linux Command line

