Portfolio Capstone Experience
CIT 4960

Keyera J. Flores

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Concept Statement

This is process book will show the implementation of my skills gained thus far, into a final portfolio to be used to find a position in my career. Web design, cloud storage and others will help to build a an idea of my current strengths and weakness.

Mind Maps

DIGITAL FORENSICS AND INVESTIGATIONS SPECIALIST

REQUIREMENTS

Minimum Qualifications:

- Bachelor's degree and 4+ years of IT experience including Computer Forensics.
- 2+ years experience in conducting investigations, including conducting interviews.

OR

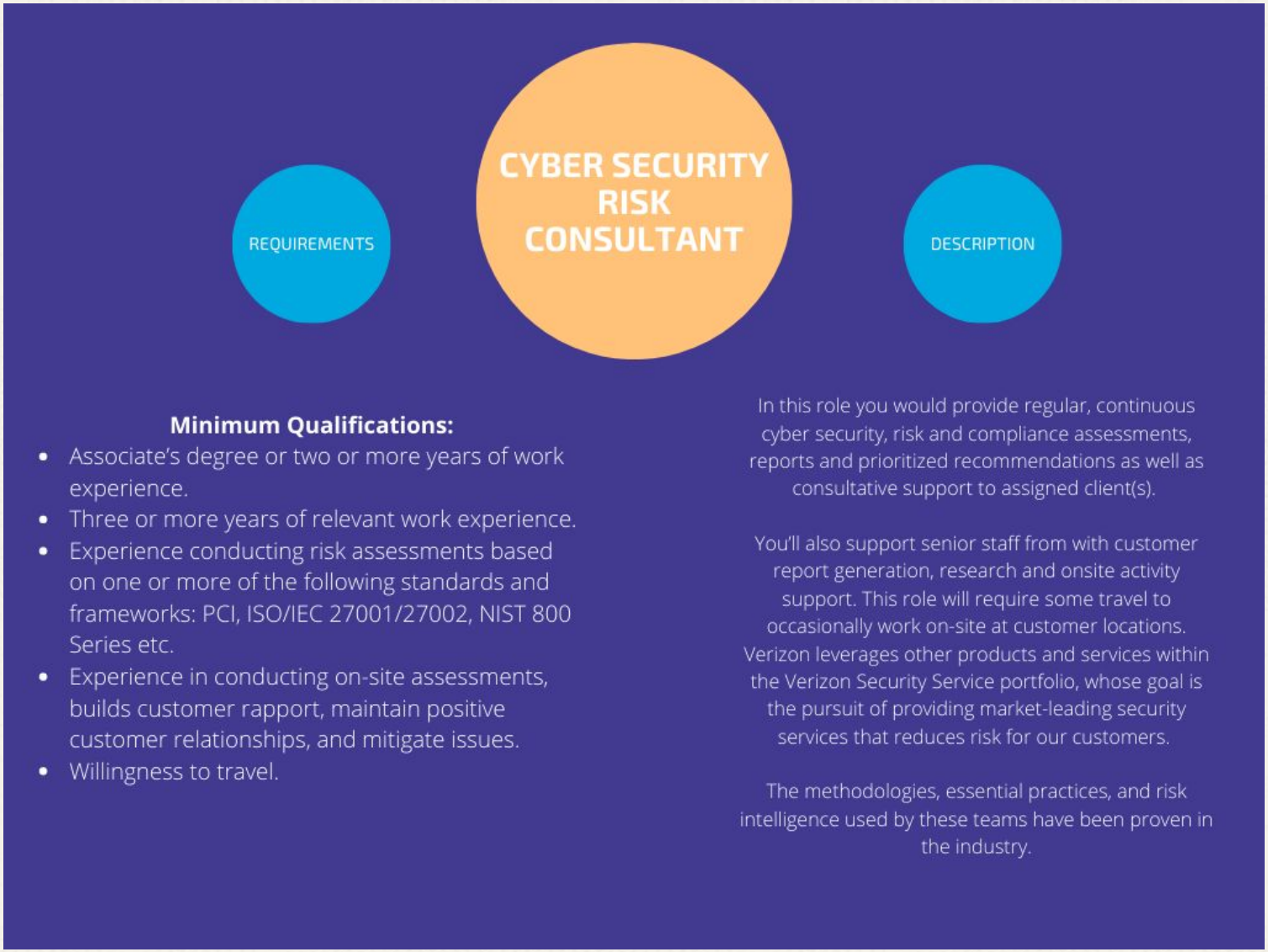
- 6+ years of IT experience including Computer Forensics and 2+ years experience in conducting investigations, including conducting interviews without a Bachelor's degree.

DESCRIPTION

As a technical member of this team, you will: Work closely with Employee Relations, Legal and other leaders in the business; Interact with senior technical professionals across IT, as well with Executive-level Legal staff;

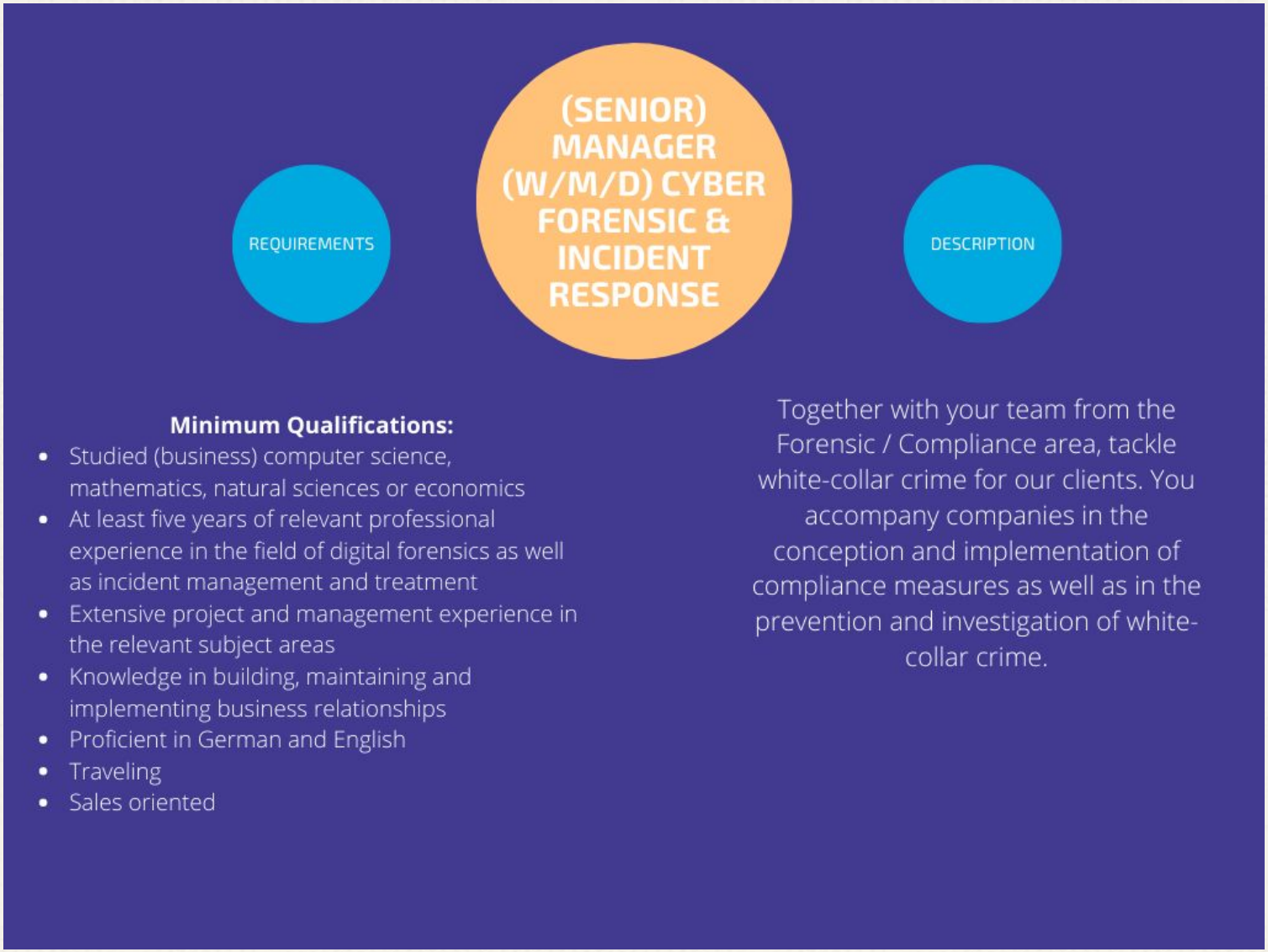
Conduct digital forensic investigations while adhering to applicable laws and Qualcomm policies.

Our ideal candidate will have a strong computer forensics/investigative background, along with specific knowledge and experience working with senior-level executive staff.


REQUIREMENTS
CYBER SECURITY RISK CONSULTANT
DESCRIPTION
Minimum Qualifications:
• Associate's degree or two or more years of work experience.
• Three or more years of relevant work experience.
• Experience conducting risk assessments based on one or more of the following standards and frameworks: PCI, ISO/IEC 27001/27002, NIST 800 Series etc.
• Experience in conducting on-site assessments, builds customer rapport, maintain positive customer relationships, and mitigate issues.
• Willingness to travel.
In this role you would provide regular, continuous cyber security, risk and compliance assessments, reports and prioritized recommendations as well as consultative support to assigned client(s).
You'll also support senior staff from with customer report generation, research and onsite activity support. This role will require some travel to occasionally work on-site at customer locations. Verizon leverages other products and services within the Verizon Security Service portfolio, whose goal is the pursuit of providing market-leading security services that reduces risk for our customers.
The methodologies, essential practices, and risk intelligence used by these teams have been proven in the industry.


SR. CYBER SECURITY INCIDENT RESPONSE ANALYST
REQUIREMENTS
DESCRIPTION
Minimum Qualifications:
• You have experience working in Security Operations Center and/or Computer Incident Response Team.
• You have a solid knowledge of computer networks and common protocols: TCP/IP, UDP, DNS, FTP, SSH, SSL/TLS, HTTP, and etc.
• You will have experience with analysis of network traffic and usage of Deep Packet Inspection tools.
• You have a proficiency in one or more programming/scripting languages (Python, Go, C/C++).
• You have an In-depth technical knowledge of Mac OS X and Linux Operating Systems.
• You have experience with disk and memory forensic tools.
• You have the ability to analyze endpoint, network, and application logs.Experience with writing and tuning of IDS signatures.
You will work with a team of analysts on daily operational monitoring and escalation of information security events and also function as an intrusion analyst to examine security events for context, risk, and criticality.
This person will have the opportunity to work on technology and processes with a global reach. This role is an integral part of the security controls that Apple uses to protect its customers, brand and data.

Apple


REQUIREMENTS
(SENIOR) MANAGER (W/M/D) CYBER FORENSIC & INCIDENT RESPONSE
DESCRIPTION
Minimum Qualifications:
• Studied (business) computer science, mathematics, natural sciences or economics
• At least five years of relevant professional experience in the field of digital forensics as well as incident management and treatment
• Extensive project and management experience in the relevant subject areas
• Knowledge in building, maintaining and implementing business relationships
• Proficient in German and English
• Traveling
• Sales oriented
Together with your team from the Forensic / Compliance area, tackle white-collar crime for our clients. You accompany companies in the conception and implementation of compliance measures as well as in the prevention and investigation of white-collar crime.

REQUIREMENTS

INVESTIGATOR, CYBERCRIME

DESCRIPTION

Minimum Qualifications:

- Bachelor's degree or equivalent practical experience.
- 4 years of experience in computer intrusions or digital crimes investigations and Internet based fraud/abuse.
- 1 year of experience in data analysis, working with and querying databases.
- 6 years of relevant work experience investigating sophisticated Internet-based crimes, fraud and/or abuse.
- Experience with databases: collecting, managing, and synthesizing large and complex data sets from disparate sources.
- Knowledge of cybercrime landscape.
- Excellent analytical, teamwork, and communication skills.

The CyberCrime Investigation Group protects Google and its users by identifying, investigating, and disrupting criminal activity across Google's products and services. The team is responsible for matters that could result in law enforcement involvement, and ensures that our investigative practices respect user privacy, and complies with the law and Google's policies.

As an Investigator, you will conduct investigations into illicit actors and work with Legal, Product, Engineering, Security, and others to develop the most effective course of action including, but not limited to: law enforcement involvement, civil enforcement, product enforcement, recommendations for improvements to systems, and/or operational processes.

Requirement Comparison

Digital Forensics and Investigations Specialist, Qualcomm

Requirements:

- Bachelor's degree and 4+ years of IT experience including Computer Forensics.
- 2+ years of experience in conducting investigations, including conducting interviews.
  OR
- 6+ years of IT experience including Computer Forensics and 2+ years of experience in conducting investigations, including conducting interviews without a Bachelor's degree.

Cyber Security Risk Consultant, Verizon

Requirements:

- Associate's degree or two or more years of work experience.
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- Experience conducting risk assessments based on one or more of the following standards and frameworks: PCI, ISO/IEC 27001/27002, NIST 800 Series etc.
- Experience in conducting on-site assessments, builds customer rapport, maintain positive customer relationships, and mitigate issues.
- Willingness to travel.

Sr. Cyber Security Incident Response Analyst, Apple

Requirements:

- You have experience working in Security Operations Center and/or Computer Incident Response Team.
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Requirements:

- You have experience working in Security Operations Center and/or Computer Incident Response Team.
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- You have experience with disk and memory forensic tools.
- You have the ability to analyze endpoint, network, and application logs.

(Senior) Manager (w/m/d) Cyber Forensic & Incident Response, KPMG Deutschland
Requirements:

- Studied (business) computer science, mathematics, natural sciences or economics
- At least 5 years of relevant professional experience in the field of digital forensics as well as incident management and treatment
- Extensive project and management experience in the relevant subject areas
- Knowledge in building, maintaining and implementing business relationships
- Proficient in German and English
- Traveling
- Sales oriented

Investigator, CyberCrime, Google
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Gap Analysis

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Current State	Desired State	Action Steps
1. Less than one year of cybersecurity related experience. 2. Bachelor's degree 3. Unable to travel currently, even though not highly required. 4. No certifications 5. Less than 1 year of protocols	1. 4+ years of cyber forensic/cybercrime experience and investigations. 2. Security+, Net+, and A+ certifications 3. Knowledge of security standards, frameworks, and protocols. 4. Fluent programming in different languages .	• Starting in an entry level IT, technical support position for basic skills. • Study and ace certification exams, possibly employer-sponsored • Relocate where these positions are needed most • Network and learn from people currently in these positions via blogs/job boards like LinkedIn, etc. • Become well versed in all positions leading up to the cybersecurity role to be better equipped with the tools necessary to succeed. • GRADUATE!