Diego Ivan Hook

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PROFESSIONAL SUMMARY

Former US NAVY cryptologist pursuing a Computer Science degree from the University of San Diego. Conducted diligent intelligence/signal analysis to support Fleet and theater Commanders. Proficient in SIGINT analysis and skilled in computer science principles. Eager to apply military intelligence expertise to civilian roles in cybersecurity and intelligence analysis.

PROFESSIONAL EXPERIENCE

EDUCATION
Shiley-Marcos School of Engineering, University of San Diego   San Diego, CA
B.S. Computer Science focus in Cyber.   Expected May 2026

RELEVANT COURSEWORK

-Principles of Digital Hardware
-Database Management Systems Design
-Operating Systems
-Automata Theory
-Digital Hardware
-Data Mining

SKILLS
Programming Languages: C, C++, C#, Python, Java, x86 Assembly,
Operating Systems: Microsoft Windows, iOS, and Linux
DOD Intelligence : SIGINT Collection, Data Collection And Analysis, INFOSEC/COMSEC
Soft skills: communication skills, configuration management, incident response, HTML,

CLEARANCE
Active **TS/SCI** w/ CI Polygraph , PKI certification

EXPERIENCE

United States Navy   San Diego, CA
Petty Officer Second Class-Cryptologic Technician (Collection)   Nov 2018 - Nov 2026
Afloat SIGINT Supervisor and Operator-
- Operation and supervision of **SSEE- INC F** radio direction finding equipment, Utilizing it to report to the Intelligence Community
- Processed **time-series** and **continuous** data to analyze, decrypt foreign communications as well as the employment of assets to conduct Information Warfare (IW) Operations.
- Experienced in; **Waveform Analysis, bit stream analysis**, radar theory, modulation and signal theory

Work Center Supervisor-
- Responsible for the accurate and timely process of preventative and corrective maintenance procedures done by 3 inter-departmental divisions to maintain the readiness conditions of damage control and information warfare equipment.
- Experienced in; Aloft antenna maintenance, Electrical isolation procedure, Firefighting Equipment, Hazardous Materials Management.

Assistant Security Representative-
- Assisted in ensuring proper security measures and documentation was maintained for 5 SCIF locations.
- Experienced in; Alarm Monitoring, Escorting, COMSEC related KEY management infrastructure procedures.

The University of San Diego: Veteran Center   San Diego,CA
Ambassador   Sep 23 - present
● Conducted thorough assessments of enrollment and demographic data pertaining to veteran and military-affiliated students, discerning potential security risks and vulnerabilities.
● Diligently monitored resource and service utilization within the veteran center, implementing and refining security protocols to ensure the protection of sensitive information and prevent unauthorized access.
● Evaluated the efficacy of communication and outreach initiatives through a cybersecurity lens, offering valuable insights into potential threats and risks to the integrity of the system

County of San Diego: Assessor Recorder County Clerk.   San Diego, CA
ARCC Student Worker   Feb 23 - Aug 23
- Leveraged e-commerce platforms to facilitate secure online transactions for property-related services, ensuring compliance with cybersecurity standards and protocols.
- Maintained secure databases for property records, employing encryption and access control measures to prevent unauthorized access and data breaches.
- Collaborated with IT teams to implement cybersecurity best practices and protocols, ensuring the integrity and confidentiality of property-related data.