

Tyler Brooks

SIGNALS ANALYST

@ tyler.brooks@email.com | 📞 (706) 555-0148 | 🏠 Augusta, GA
🌐 linkedin.com/in/tylerbrooks

SUMMARY

Signals analyst with 6 years of SIGINT work across Navy cryptologic units and contract support. Performs signals analysis on COMINT, ELINT and FISINT collection, characterizes waveforms and supports target development with partner teams. Uses Wireshark and other tools for protocol analysis, with clear communication skills in written reports. Active TS/SCI clearance.

EXPERIENCE

Signals Analyst

07/2024 - Present

Savannah River Signals Group

Fort Gordon, GA

Contractor supporting a joint cryptologic operations center.

- Profile 30+ new emitters a quarter through signals analysis of waveform, timing and modulation features.
- Analyze ELINT and FISINT collection to update parametric records used by 4 partner commands.
- Apply Wireshark to protocol analysis of networked radio traffic, identifying 9 new protocol variants.
- Coordinate target development leads with 5 external partner teams in weekly working groups.

Cryptologic Technician (Collection)

07/2022 - 06/2024

U.S. Navy

Fort Gordon, GA

Navy information operations command supporting national SIGINT missions.

- Processed COMINT collection on 3 priority target sets, issuing 150 tactical reports to national and fleet customers.
- Identified signal changes that redirected collection on 2 high-priority targets within the same shift.
- Trained 7 junior sailors on signal recognition, logging and reporting standards before their first watch.
- Updated 80 signal records in the team database after each schedule or frequency change.

Cryptologic Technician (Collection)

07/2020 - 06/2022

U.S. Navy

Wahiawa, HI

Navy information operations command in Hawaii, first operational assignment.

- Monitored and logged 1,000+ hours of signals collection with full reporting accuracy on every watch.
- Measured signal parameters for 60 emitters and entered the results in shared team databases.
- Supported 2 multinational fleet exercises with near-real-time SIGINT updates to the watch officer.

SKILLS

Signals Analysis

SIGINT

COMINT

ELINT

FISINT

Wireshark

Protocol Analysis

Target Development

Waveform Analysis

Communication Skills

EDUCATION

Associate of Science

12/2023

Cochise College

Sierra Vista, AZ

Intelligence Operations

CERTIFICATES

Active TS/SCI Clearance

07/2024

U.S. Department of Defense

Joint Signals Analysis Course

05/2021

Center for Information Warfare Training