

ilyaturnerprofessional@gmail.com

Secret info Sorry :(

github.com/iltur

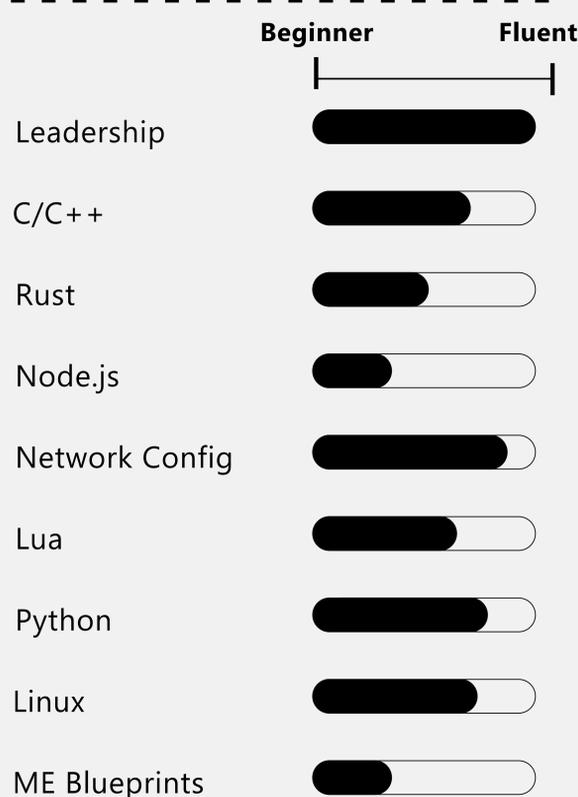
While my resume provides a comprehensive overview of my qualifications and experience, an interview will allow me to fully showcase my personality, communication skills, and passion for the role.

Education

Southern Illinois University Edwardsville
Edwardsville, IL

Bachelor of Engineering
Computer Engineering
Graduated May 2025
Minor in Computer Science

Skills Level



Notable Qualities

- Embedded Systems
- Creative
- Constantly Learning New Skills
- Team-Oriented
- Communicative

Ilya Turner

Professional

Secret Security Clearance is **ACTIVE**

Network Engineer
L3Harris - Salt Lake City, UT

September 2025 to Present

Network Architecture Design

Data Analyst

SBCC - Scott AF Base, Shiloh Valley, IL

December 2024 to July 2025

Wargaming Scripting

Cybersecurity Intern

USAF - Scott AF Base, Shiloh Valley, IL

May 2024 to July 2024



Experience and Projects

- Designed network infrastructure and antenna systems for high-stakes aerospace and defense applications.
- Actively contribute to the execution and technical success of multi-million dollar contracts.
- Author and manage official documentation for contractual projects, ensuring compliance with rigorous industry and government standards.
- Designed and implemented a MIPS simulator and decompiler, translating binary files into MIPS assembly instructions, improving system performance understanding by 15% through testing and debugging.
- **Developed firmware in Embedded C** for PSoC4 microcontrollers, optimizing hardware-software integration for enhanced performance in real-time systems.
- Experienced in setting up, configuring, and administering various servers, including Media Storage Server, Gaming Networks, and Family File Media Storage Server.
- Designed digital circuits using **Verilog HDL** Programmed multiple functions for DLXOS operating systems using both C and Assembly.
- **Developed a Automated Greenhouse System** **Designed Multiple Artificial Intelligence programs** from scratch (no libraries).

Personal Projects & Initiatives

Photography: Designed and launched a personal photography website using HTML, CSS, and WordPress, driving 10+ bookings through SEO and social media.

Leadership in Clubs: Served as a member and leader in multiple university clubs coordinating events while managing team communications.

Active Development: Continuously develop and research new technology including web-based and client-based applications including 3D websites, desktop analytics, and microcontroller technologies.

Major Achievements

Over 100 Engineering Reports Wrote

Led Over 10 Teams of Engineers in a Variety of Projects

Designed Mission Critical Software for the United States Air Force