



## Personal Info

📞 2483651499

✉️ [francis.cottrell-eshaghi@snhu.edu](mailto:francis.cottrell-eshaghi@snhu.edu)

## Links

[My GitHub](#)

[Profile and Portfolio](#)

## Skills

- ☐ Coding
- ☐ Database
- ☐ Algorithm
- ☐ Debugging
- ☐ Communication
- ☐ Software Design
- ☐ Object-Oriented
- ☐ Problem-Solving
- ☐ System Analysis
- ☐ Teamwork
- ☐ Creativity
- ☐ Leadership
- ☐ Work ethic
- ☐ Programming Languages
- ☐ Adaptability
- ☐ Time management
- ☐ Attention to detail
- ☐ Interpersonal skills

# Francis Cottrell-Eshaghi

## Programmer

Analytical and critical thinker with expertise in signal system support, and surveying. Skilled in technical troubleshooting, maintenance, and drawing topological building layouts using Auto-CAD. With a Bachelor of Science in Computer Science. Familiar with C++,Java/ c#, Python, Godot (Programming Language), Git, Object-Oriented Programming, SQL.

## Work Experience

### Autocad Drafter, Michigan Surveyors, Hazel Park MI

January 2021 - May 2022

- Utilized Autocad software to develop detailed blueprints for a variety of complex building projects.
- Collaborated with engineers and architects to ensure drawings were compliant with industry standards.
- Assisted with the development of engineering documents, including drawings, schematics, and specifications.
- Updated existing blueprints to reflect design changes and modifications.

### Specialist, The Coast LLC (Part-Time), 840 w Huron Road, Omer, Michagan

June 2022 - Present

- Hydroponic technical assistance.
- Provided technical assistance to staff and clients, ensuring customer satisfaction.
- Leveraged expertise to create new processes, procedures, and systems.

## Education

### Bachelor of Science in Computer Science , Southern New Hampshire University (Bachoeior of Science )

March 2023 - December 2024

Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming, Database Systems

### General Studys, Macomb Community Collage (Associates)

March 2008 - March 2010

Studied art, architecture, and computer drafting.

## Military Service

### Signal System Support Specialist (25U), National Guard (Part-Time)

January 2010 - September 2015

- Provided technical support and maintenance for communication systems, ensuring uninterrupted signal and network operations.

- Conducted troubleshooting, diagnosed issues, and resolved system faults to minimize downtime and maximize operational efficiency.
- Installed, configured, and maintained network equipment, including routers, switches, and cryptographic devices.
- Collaborated with team members to perform system upgrades, installations, and relocations in accordance with established procedures.
- Monitored network performance and conducted regular system audits to identify vulnerabilities and implement necessary security measures.
- Trained and mentored junior personnel on signal system operations, maintenance procedures, and troubleshooting techniques.
- Coordinated with external vendors and service providers for equipment repairs and maintenance as required.
- Maintained accurate documentation of system configurations, equipment inventories, and maintenance activities.
- Participated in military exercises and deployments, providing technical support and ensuring reliable communication systems in field environments.
- Received commendation for outstanding performance and contribution during critical mission operations.