

# Luis S. Morel

Computer Scientist | New Hampshire | [My LinkedIn](#)

## EDUCATION

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**University of New Hampshire - Durham, NH**

December 2024

*B.S. in Computer Science*

### RELATED COURSEWORK

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Senior Project I & II

- Gained experience in Agile methodologies, including Scrum, and applied Agile principles to effectively manage changing project requirements and contribute to project success in a collaborative team environment

Algorithms

- Implemented and optimized algorithms, focusing on efficiency and applying data structures like arrays, trees, and graphs for problem-solving

Database Systems

- Acquired fundamental knowledge in database management systems, schema design and relational models

Computer Organization and System-Level Programming

- Studied computer organization, architecture, and assembly level programming

Computer Graphics

- Gained knowledge in OpenGL including 3D rendering and lighting techniques for interactive computer graphics

**New Hampshire Technical Institute - Concord, NH**

May 2019

*A.S. Computer Engineering – Transferred*

### RELATED COURSEWORK

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Embedded Microsystems

- Expanded foundational skills in embedded systems, including microcontroller architecture and assembly language programming

Programing for Windows Operating System

- Developed skills in Windows application development, utilizing Microsoft's Windows API, .NET Framework, and Visual Studio.Net

Networking and Internet Technologies

- Acquired knowledge in networking and internet technologies, encompassing SQL, client-server programming in C++ and Java, and socket APIs

## EXPERIENCE

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**Army National Guard - NH**

March 2015 - March 2022

*Military Police*

- Developed strong leadership and decision-making skills in high-pressure situations
- Acquired and sustained secret security clearance throughout military career

**Department of Health and Human Services**

May 2020 - June 2021

*Covid-19 Relief Scheduling Supervisor*

- Supervised a team of soldiers and civilians responsible for providing required and special vaccination accommodations to individuals within vulnerable populations. Trained and supported incoming supervisors

## COMPUTER LANGUAGES

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- C, C++, C#, Java, SQL
- JavaScript, HTML, CSS
- Familiar with Python, Scala, React

## SKILLS

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- Proficient Artist
- Acquainted with Gitlab
- Fluent in Spanish