CONNOR MURPHY

Start with the problem. Test what can go wrong. Write down how it works.

(603) 362-2061
cmurphy1140@gmail.com
Vero Beach, FL
linkedin.com/in/cam1140

SUMMARY

Computer science graduate (UNH 2023) with two summers of Java and AWS work at Liberty Mutual, plus real responsibility in teaching, hospitality and county operations. Starts with the practical problem, tests what can go wrong, and documents how the system behaves. Uses LLMs the way a responsible developer uses Stack Overflow: read the suggestion, understand the code, test it before it ships.

EXPERIENCE

Telematics Backend Development Intern

May–Sep 2022 (full time) · May–Sep 2023 (part time)

Liberty Mutual · Remote

Same telematics team both summers · Offered a full-time TechStart software engineer role

- Built Java backend components on AWS Lambda that parse and transform vehicle telematics data for an auto-quote eligibility and scoring pipeline.
- Wrote unit and integration tests for serverless data-processing services, validating transformations and downstream calls; fixed defects through peer code review.
- Documented service behavior, implementation details and handoff procedures that the full-time team adopted. Worked in daily standups, sprint reviews and demos.

Golf Course Operations

Apr 2026 – Present

Sandridge Golf Club · Indian River County · Vero Beach, FL

- First line of troubleshooting for POS and booking-system issues; resolve or escalate to county IT and vendors.
- Coordinate the pro shop, maintenance and county administration to keep play on schedule.

PROJECTS

Catch 5 iOS card game and learning app

2025 – Present

Swift, SwiftUI, Swift Testing, GitHub Actions · github.com/cmurphy1140/catch-5

- Built an app to play and learn Catch 5: a standalone rules engine, computer opponents, and save and resume.
- Tested that illegal moves leave the game unchanged; evaluated bidding changes with mirrored benchmarks.

Cyber-Physical System Assurance home automation field study

2026 – Present

Swift, XCTest, WebSockets, OpenAPI

- Built a Swift client that reads device state after each command and reports it as confirmed, unconfirmed, failed or refused, so a successful request is never mistaken for a changed device.

Drive Score telematics pipeline

2026 – Present

Python, Kafka, PostgreSQL, pytest

- Built a telematics pipeline on synthetic trips to revisit the data-reliability problems met at Liberty Mutual.
- Built and unit-tested disk buffering, trip validation and duplicate detection.

SKILLS

Languages	Swift, Java, Python, JavaScript (Node), SQL
Testing	Swift Testing, XCTest, pytest, unit and integration tests
Cloud & tools	AWS Lambda, Step Functions, S3, DynamoDB, Git, GitHub Actions, Xcode
Practices	Code review, Agile (Scrum), CI, LLM output verification

EDUCATION

University of New Hampshire

B.S. Computer Science · Durham, NH · May 2023

ALSO

Server, Bartender & Catering Orchestrator

Post & Vine · Vero Beach, FL · Nov 2025 – Apr 2026

Lead Substitute Teacher, PE & Health

Birches Academy · Salem, NH · Sep 2024 – Oct 2025

- Planned and taught K–8 PE and health lessons, adapting to student needs and shifting schedules.