

# Daniel McCarragher

Greater Seattle Area | +1 (253) 359-4027 | djmccarragher@gmail.com

[dannycodes.dev](https://dannycodes.dev) | [github.com/dannymccarragher](https://github.com/dannymccarragher) | [linkedin.com/in/daniel-mccarragher](https://linkedin.com/in/daniel-mccarragher)

## PROFESSIONAL SUMMARY

---

Software Developer with professional experience building AI-driven platforms, automating enterprise workflows, and deploying production-ready systems. Skilled in full-stack development using JavaScript, Node.js, REST APIs, Azure, and CI/CD. Seeking full-time professional experiences to apply technical skills and deliver scalable solutions. Currently pursuing a B.A.S. in Software Development. For more information about my background and work, please visit my [personal website](#).

## Skills

---

Java	JavaScript	TypeScript	SQL	Python
Node.js	MySQL	Express	PostgreSQL	Azure App Service
Docker	Git	Electron	Next.js	Github

## WORK EXPERIENCE

---

### Software Engineer Intern | Nummo ([Website](#))

JUN 2025 – SEP 2025

*Nummo is an AI-powered financial modeling platform that automates spreadsheet workflows for investment banking and private equity professionals*

- Designed and built the application's primary data ingestion pipeline, successfully parsing 150+ page SEC 10-K and 10-Q filings into structured financial data with 95%+ accuracy using the OpenAI API
- Migrated critical backend services from Python (FastAPI) to Node.js/TypeScript, implementing Electron's IPC with comprehensive middleware, maintaining 100% uptime and 0 failed requests throughout the 4-week migration process
- Participated in 60+ agile standups across a 4 month development cycle, presenting technical progress and blockers to a 10-member cross-functional team with direct engagement from executive leadership

## RESEARCH

---

### Salamander Tracker | In collaboration with The Ohio State University

APR 2025 – JUN 2025

- Engineered an end-to-end video processing system with Next.js, React, Express, Java, and JavaCV deployed via Docker to automate behavioral research, tracking salamander movement across 50+ video samples and generating frame-by-frame centroid data for statistical analysis
- Reduced manual tracking effort by 90%, enabling researchers to analyze 10+ experiments in the time previously required for a single video

## TECHNICAL PROJECTS

---

### Forq | React Native, TypeScript, Expo, Node.js, Express, Drizzle, MySQL, Azure App Service

- Built a cross-platform mobile app (iOS/Android) that tracks 3 core macronutrients in real-time against personalized goals, using AzureMySQL Flexible Server to store user meal logs and retrieve up to 180+ days of history in under 1 second
- Integrated bar code scanning connected to a 500,000+ item food database via RESTful API, cutting meal logging time from 1 minute to under 10 seconds and displaying detailed nutritional breakdowns including protein, carbs, fats, fiber, and 15+ other key nutrients
- Implemented CI/CD pipelines with automated testing, deploying backend services to Azure App Service, enabling fully tested changes to go live in 1 minute, ensuring reliable production hosting

## EDUCATION

---

### B.A.S Software Development | Green River College

Expected Graduation, JUN 2026

- Dean's List: 4x Honoree (Fall 2023, Winter 2024, Fall 2024, Winter 2025)

**Relevant Coursework:** Data Structures and Algorithms | Database Fundamentals | Full Stack Web Development | Python for Data | Systems Programming | Cloud Application Deployment | Software Development Capstone

### Software Development Tutor, Green River College

SEP 2025 - Present

- Provide 1-on-1 tutoring in Software Development to 10+ students twice weekly, covering 5+ programming languages, frameworks, and data structures, helping students improve assignment scores by an average of 20%

### Club Member, BoardMasters

SEP 2024 - Present

- Work with peers to solve weekly LeetCode problems focused on data structures and algorithms