

Daniel McCarragher

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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 (Applied Computer Science) | Green River College - Auburn, WA

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 and test 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