

# Tegan Rogers

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## Professional Summary

Aspiring AI and full-stack developer with a portfolio of real-world software projects including a home automation hub, a medical AI tool, and a commercial inventory system. Currently building smart, GPT-powered tools that solve real problems in health, home, and business. Focused on transferring into the University of Washington's CS program to further deepen my engineering skills and ultimately join Microsoft's AI team.

## Projects

### NeuraNest — Smart Home Hub with AI Energy Dashboard

- React, Node.js, Raspberry Pi, Docker, GPT-4, Tailwind CSS
- Built a full-stack home server with Pi-hole ad blocking, cloud storage, and AI-powered smart energy dashboard
- Integrated GPT to analyze real-time (or mock) energy usage and suggest savings tips
- Designed for eventual installation into new homes with future contractor partnerships

### MediScan — AI Symptom Logger & Visual Analyzer

- React, Python, OpenAI API, SQLite, Tailwind
- Developed a medical tool that lets users input symptoms or images to receive instant AI explanations
- Designed for clinics and underserved regions needing early diagnostic support
- Future roadmap includes integration with custom-trained AI models and EHR systems

### MediStock — Pharmacy Inventory System

- React, Node.js, SQLite (PostgreSQL-ready), Tailwind, JWT Auth
- Built role-based inventory system for pharmacies with features like batch tracking, expiry alerts, sales logging, and analytics dashboard
- Designed to be sold to independent pharmacies and used offline with automatic cloud sync
- Added audit logs, invoice generation, and planned 2FA for security

## Technical Skills

Languages: JavaScript, Python, HTML/CSS, SQL

Frameworks: React, Node.js, Express, Flask, Tailwind CSS

Tools: Git, GitHub, Docker, VS Code, Netlify, Vercel

Databases: SQLite, PostgreSQL (learning)

AI/ML: OpenAI GPT-4 API, Prompt Engineering, Hugging Face (planned)

Platforms: Raspberry Pi, Firebase (learning), Linux CLI

## Education

Everett Community College — A.S. in Computer Science (Expected 2026)

Relevant Coursework: Data Structures, Intro to Programming, Web Development

Currently preparing for transfer to University of Washington CS program (Jan 2026 application)

## Initiatives & Experience

- Frontend Developer Intern — SuperPurposes (2020-2022)
- Social Media Builder: Managing 4 active pages including FaZeAfterDark and SmoshUnhinged with consistent posting and growing audience
- Entrepreneurial Developer: Currently pitching MediStock to local pharmacies as a commercial-grade software solution
- Self-Led Gap Year: Took a 14-month break from school to focus on building a coding portfolio, launching a personal brand, and preparing for career opportunities in AI