Noah Scally

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Skills & Qualifications

DC Circuit building and analysis skills through personal projects and coursework aimed at learning embedded systems and microcontrollers (e.g. Arduino, Xilinx Zynq ZC702). Interested in pivoting towards the electrical side, specifically signal integrity.

Education

Concordia University

Montreal, QC • Expected: May 2027

B.Eng. Computer Engineering

- GPA: 3.82/4.3

Relevant Courses: Control Systems, VLSI Design, Embedded Systems Design, AI/ML

Activities: UpStart Engineering Entrepreneurship Hackathon (02/26)

Experience

Software Developer

Dr. Dialysis Technologies • start-up • May 2025 - Sept 2025

- Collaborated with stakeholders as a full-stack developer

Projects

RecoverNav • final-year capstone (09/26 - ONGOING)

- Designed and building algorithm, robot, and live dashboard involving AI/ML; aimed at detecting and recovering from the common failures of autonomous vision-language model robots.

CheckMyDrip (05/26)

- Built an Android application paired with a custom IoT device; awarded second place and recognized by Concordia's Department of Electrical and Computer Engineering.

Amazon Clone (07/25 - 09/25)

- Built a functional Amazon clone with JS, CSS, and HTML.

Reading Assistant App (05/25 - 09/25)

- Built an AI-powered website with JS, CSS, and HTML that launched for a real client

Automated Room Occupancy Tracker (09/24 - 11/24)

- Designed a digital system with testbench and feasibility analysis, including utilization, efficiency, and scalability metrics

Autonomous Hovercraft (09/24 - 11/24)

- Designed and built a physical craft and navigation algorithm.

Self-Flying Drone (08/18 - 05/19)

- Designed an autonomous navigation algorithm with Arduino IDE; designed and built a drone using wood and metal fabrication

Core Competencies

Spoken English and French, Cadence, VHDL programming & testbench, Agile methodology, Python, C++, Java, MySQL, Windows and Linux, Git

Hobbies & Additional Experience

Sales Representative

Freelance • Apr, 2026 – May, 2026

- Cold called ~50 small business owners a day across Canada (roofers, landscapers, electricians, contractors), pitching custom website design
- Averaged 5 warm leads a day and closed 3 deals

Founder

NoahsWeb • Aug, 2026 - Present

- Designed custom tap-to-review NFC cards that send customers straight to a business's review page
- Sold door-to-door to local businesses and closed 5 paying clients

Actor

Shirley Hamilton • 2009 - Present

- Jobs: Allstate, Busch Gardens, Meijer, Ragu, FedEx, Build-A-Bear, NBC News, Elkay. Print: Chicago Field Museum, Whirlpool