Cadence Stephens

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Summer 2027 Availability: May 10, 2027 – August 13, 2027

EDUCATION

University of North Carolina at Chapel Hill | Chapel Hill, NC **Expected Graduation: May 2028**

Bachelor of Science in Computer Science and Data Science

Relevant Coursework: Systems Fundamentals, Computer Organization, Internet Protocols, Theory of Computation

UNC Cycling: 2026 USA Cycling Collegiate National Champion (Team Time Trial); club Treasurer, 2026–27

PROFESSIONAL EXPERIENCE

RSM& (Retail Sports Marketing) | Charlotte, NC **Jun 2026 – Present**

Lead Developer, R.96 (Contract) · Founder, Cadence Solutions LLC

- Founded Cadence Solutions LLC, signed RSM& as its first client, scoped and planned R.96 with the CEO and COO, and pitched it to the board and majority shareholders.
- Built R.96 in TypeScript (React, PostgreSQL), the ERP RSM& runs on: 115+ concurrent campaigns and 3,400+ activations in 40+ states for Walmart, Kroger, Celsius, and others.
- Built RSM Field, on the App Store and web, replacing Formstack and giving RSM& a live link to its 130+ tour managers: each activation's numbers (samples, attendees, units sold) arrive with photos, consumer quotes, and field notes.
- Shipped R.96 on Azure Container Apps (Docker, GitHub Actions, keyless deploys) with 2,600+ automated tests gating every release; integrated HubSpot, Microsoft Entra ID, Geotab, and Twilio.

Prosystance | Research Triangle, NC **Dec 2025 – Present**

Platform Engineer

- Built and run Dentsys Cloud: one control plane for 75+ servers across 50+ dental and medical offices, including monitoring, backup and disaster recovery written in Go, partner security tools, and a client portal.
- Moved servers from SSH polling to signed Go push agents, with robust alerting (debouncing, fleet-wide fault detection).
- Built an agentless network scanner in Go with its own SNMP, NetBIOS, and ICMP parsers; a resident sensor mapped a pilot office's 6 subnets and 107 devices without credentials.
- Designed zero-trust remote access with no inbound connections: SSO, 2FA, passkeys, IP allowlists, and edge firewall rules.
- Built a private RAG assistant on a self-hosted GPU server so client data never reaches an outside AI vendor; retrieval accuracy rose from 12% to 83% passing, acing 524 of 571 real-world benchmark questions (92%).

GP Connectivity | Research Triangle, NC **May 2024 – Dec 2025**

IT Systems Technician (Part-time)

- Supported IT for 50+ HIPAA-regulated dental and medical practices: built and deployed Supermicro servers (BIOS/UEFI, BMC) and VMs (LXC, Windows Server); led Cisco-to-UniFi conversions with segmented VLANs at two practices.
- Troubleshot production issues across Active Directory, DHCP, and dental software (Dentrix, Eaglesoft, Dexis).

PROJECTS

Claude Code Agent Workflow | Personal Project **Nov 2025 – Present**

- Built the guardrails my AI agents work under on client production systems; had other agents try to break them, closed found gaps, and re-evaluated 1,490 real past executions.
- Run my work through teams of AI agents (1,700+ agent runs in September): builders work to my written specs, a separate agent tries to break each build, and nothing merges until it passes; 4,900+ tests.
- Gave my AI sessions a shared memory, so each picks up where the last stopped (180+ session logs, 500+ recorded decisions), and test each new safeguard on real past work first.

TECHNICAL SKILLS

Languages: Python, Go, TypeScript/JavaScript, SQL, Bash, C, Java

Frameworks & Data: React, Node.js (Hono), Flask, PostgreSQL, Redis, REST APIs

Cloud & Networking: Cloudflare (Workers, Zero Trust), Azure, AWS, Linux, Proxmox VE, ZFS, WireGuard, Tailscale

AI: Directing AI coding agents (Claude Code) with tests and review gates, context management, RAG, LLM evaluation