Adarsh Sanjay

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Education

University of Illinois Urbana-Champaign — Urbana-Champaign, IL
B.S. in Computer Science + Economics — *Expected May 2029*

- **Honors:** National Merit Finalist
- **Relevant Coursework:** CS 124: Introduction to Computer Science I; MATH 257: Linear Algebra with Computational Applications; STAT 200: Statistical Analysis

Projects

FocusTicker | Chrome Web Store | GitHub — Sep. 2026 – Present

- Built and published a Chrome extension with JavaScript, Manifest V3, and Chrome APIs that tracks active browsing time across 10 social platforms and overlays a draggable timer for current-session and daily usage.
- Implemented event-driven session accounting across tab switches, same-site navigation, window focus, idle state, and periodic checkpoints using Chrome Tabs, Windows, Idle, Alarms, and Storage APIs.
- Separated active-session, daily-usage, and UI-position state across `storage.session/local/sync`; serialized asynchronous updates through a Promise queue and isolated the overlay with Shadow DOM.

Independent Study – Communication & Workplace Impact — Sep. 2025 – Oct. 2025

- Developed a Random Forest model (Python, Pandas, NumPy) to quantify relationships between communication skills and job placement, achieving 95% predictive accuracy and publishing findings on Medium.

Experience

Software Developer — Sep. 2026 – Present
NOBE Technology Committee – Cline Financial — *Champaign, IL*

- Develop a React/TypeScript and C#/.NET investment application in a shared Git codebase, translating Cline Financial workflows into application features.
- Implement C# parsing logic with ClosedXML for brokerage subaccount workbooks, extracting Transaction and Cost Basis tabs, validating required fields, and normalizing dates, quantities, monetary values, securities, and account data.

Co-Founder & Web Developer — Jan. 2024 – Aug. 2026
Educatodos | *GitHub* — *Seattle, WA*

- Coded a multilingual educational website in HTML, CSS, and JavaScript for Spanish-speaking English learners, building responsive page flows and UI to support accessible instruction and translation.
- Co-founded an organization serving 50+ learners, collaborating on personalized English-learning curriculum and tutor-supported instruction.

Web Developer — Mar. 2025 – Jun. 2026
GLOW Action (Education NPO) — *Seattle, WA*

- Designed and prototyped C3-AP, a disaster-preparedness app for rural communities and emergency-aid groups in Andhra Pradesh; collaborated with education NGOs on nutritional-support tools using feedback from 50+ youth.

Leadership

ICDC Finalist & Mentor, Newport High School DECA — Sep. 2022 – Jun. 2026

- Led roleplay workshops for 40+ competitors and mentored 8 weekly; 2025 ICDC QSRM Finalist (Top 10%) with testing award (98th percentile).

Head Coach, Tyee Debate Club — Sep. 2022 – Jun. 2026

- Coached 160+ middle-school debaters in Parliamentary and Public Forum Debate, recruited 10 coaches, and increased club membership by 33%.

Technical Skills

Languages: Python, Java, JavaScript, TypeScript, C#, HTML/CSS
Frameworks/Libraries: React, .NET, Pandas, NumPy, ClosedXML
Tools/Platforms: Git, Chrome Extensions API, Manifest V3