

SUJAY SUNDAR

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EDUCATION

- New York University, Tandon Bachelor's of Science, Electrical Engineering** May 2027
- Intro to Embedded Systems, Digital Logic, Circuits, Electronics I, Communication Networks, Data Analysis, Linear Algebra
- University at Buffalo, SUNY Bachelor's of Science, Computer Science (41.5 credits)** Aug 2023 - May 2024
- Discrete Structures, Differential Equations

EXPERIENCE

- Handshake | AI Fellow | Dec 2025** New York, NY
- Creating visual Q&A pairs, evaluation model outputs, and providing video behavioral data to train production AI systems on visual reasoning, response accuracy, and human speech patterns.
- Clio LLC | Software Engineer Intern | Nov 2025 - Feb 2026** New York, NY
- Developing user onboarding flows and User Interface (UI) components for an AI-powered wardrobe generation iOS app, Clio, enabling customers to quickly configure their personalized closet without friction.
 - Debugged complex errors across the codebase, unblocking production builds and accelerating version delivery.
- Placera | Software Engineer Intern | Jul - Sep 2025** New York, NY
- Designing several UIs interfaces using Figma, developing prototypes into production-ready components integrated with Supabase, and optimizing layouts based on accessibility standards, improving user experience, reducing navigation complexity for internal users, and streamlining development workflows.
- Global Key Solutions Corp. | Software Engineer Intern | May - Aug 2025** New York, NY
- Engineering automated data extraction pipelines, optimizing relational databases, debugging backend services and collaboration with cross-functional teams, ensuring integrity, accelerating query performance, scaling features, and improving overall system reliability.
- Copani LLC | AI/ML Engineer Intern | Jan - Apr 2025** New York, NY
- Developing an AI-powered customer service application, by engineering Django-based front-end frameworks, contributing to the design and training of core ML models, as well as directing weekly UI/UX team meetings, delegating tasks, aligning project goals, and tracking deliverables to ensure timely, high-quality releases.
- GHub | University at Buffalo | Feb - Aug 2024** Buffalo, NY, USA
- Developing a search and filter tool and an interactive Greenland glacier data map with Python libraries, enabling users to retrieve, visualize, and download glacier datasets, transforming complex geoscience datasets into accessible visualizations for research and education,

PROJECTS

- Personal Finance Tracker | MoneySimp | May - Sep 2025 | V 0.1.1 (React, Firebase, Genkit)** New York, NY, USA
- Developing a budgeting tool with expense categorization, OCR-based bill parsing, AI-driven financial tips and a real-time dashboard with charts/graphs for real-time spending analysis and personalized insights.
 - Link to Project: <https://moneysimp.vercel.app/>
- Plug-and-play FC Software | Multidomain Systems | Jan 2026 - Present | (C++, Python, ArduPilot)** New York, NY, USA
- Building ACT Autonomy OS, a drone autonomy platform where manufacturers input their airframe specifics into the system, which then generates a pre-configured, hardware-agnostic software stack and parameter file, reducing integration time from months to days.
 - Developing on open-source architecture and designing for versatility across civilian and defense applications, including wildfire detection, search and resume, and tactical ISR.
 - Link to Website and MVP: <https://multidomain.lovable.app/> and <http://act-autonomy-osmvp.vercel.app/>

SKILLS

Skills: Python, Java, MATLAB, HTML/CSS/JS, UI/UX Design, Public Speaking, SQL, C++, Tensorflow, Pytorch, Django, Jupyter, React, Docker, Figma, Firebase, Supabase, Vercel, Git, Verilog, Embedded Systems, Soldering, Circuitry, Prompt Engineering, CAD

PUBLICATIONS

- PharmaNOW | The Pattern Behind FDA Warning Letters: What Startups and CDMOs Often Miss** Aug 2025 - Sep 2025
- Link to Publication: <https://www.pharmanow.live/regulatory-landscape/fda-warning-letters-pharma-compliance>
- Path to Nobel | Chapter 5** Sep 2022 - Feb 2023
- Link to Publication: <https://drive.google.com/file/d/1mW6lw8DeUSXaa8mtEVhtn9Mi1e3OdH9t/view?usp=sharing>
- Roboflow | Generating Renaissance Art with Computer Vision** Nov 2020 - Dec 2020
- Link to Publication: <https://blog.roboflow.com/gan-generating-art-computer-vision/>

AWARDS

- 1st in Data Analysis at FBLA State Leadership Conference** Apr 2022
- US Congressional Award Gold Medal** Jul 2021
- 1st in Coding & Programming at FBLA State Leadership Conference** Apr 2021