Saad Sifar

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EDUCATION

New York University Abu Dhabi   Aug 2023 – Expected May 2027
B.S. in Computer Science (Minor: Applied Mathematics & Economics)   *Abu Dhabi, UAE*
- **GPA: 3.97/4.00**
- Relevant Coursework: Data Structures, Algorithms, Computer Systems, Computer Networks, Software Engineering, Multivariable Calculus, Probability & Statistics, Linear Algebra

Elizabeth Moir School   Aug 2018 – Jul 2022
A-Levels: Mathematics A* (600/600), Physics A* (600/600), Economics A* (396/400)   *Colombo, Sri Lanka*
- Awarded highest mark in the world in International A-Level Physics & Mathematics

EXPERIENCE

NYU Abu Dhabi Embodied AI & Robotics Lab   Jun 2025 – Aug 2025
Software Engineering Intern   *Abu Dhabi, UAE*
- Designed and implemented a **local LLM customer service chatbot** with integrated ordering and menu-tracking functionality (using Ollama) for ez247, a lab-incubated startup project.
- Optimized and fine-tuned the LLM response pipeline, **reducing processing time by 75%** while simultaneously **improving response accuracy by 50%** and minimizing hallucinations, resulting in faster and more reliable customer-facing interactions.

Airae Agency   Jun 2022 – Dec 2022
Founder and Lead Web Developer   *Colombo, Sri Lanka*
- Partnered with **10+ clients** to gather project requirements, transforming their vision into functional and visually appealing web solutions. Delivered projects on schedule, **increasing client engagement by 30%**.
- Integrated and customized content management systems (CMS) such as WordPress, GraphCMS, and Hygraph, enabling clients to independently update content and **reducing maintenance requests by over 60%**.

PROJECTS

Adventrip | *React/React Native, Expo, Supabase*   *San Francisco, CA* | Oct 2025
- Built an AI-powered trip planning app at **CalHacks**, enabling users to plan and share group adventures seamlessly.
- Pitched the iOS app to **10+ judges**, earning several **judge favorites** and ranking among the top projects.

Data-Driven Analysis of Laboratory Requisition Errors   *Abu Dhabi, UAE* | Jan 2025
- Collected, digitized, and cleaned **6,000+ patient records** from a Sri Lankan tertiary-care hospital to analyze pre-analytical errors in histopathology requisition forms.
- Performed **statistical analysis** to identify error patterns and process inefficiencies, contributing to a **co-authored publication in the South-East Asian Journal of Medical Education** on improving laboratory quality control.

Redlookit | *API, JavaScript, HTML/CSS, Webpack*   *Colombo, Sri Lanka* | Sep 2022
- Built a web application that displayed Reddit posts and comments in an email client–style interface.
- **Achieved 100k+ users, 2k MAU, 50+ GitHub stars** and 8 forks within 6 months.

LEADERSHIP & ACTIVITIES

Violet Ventures   Aug 2024 – May 2025
Founder's Associate   *Abu Dhabi, UAE*
- Building the UAE's fastest-growing student startup community, **supporting 900+ founders** and 40+ ecosystem partners to shape the future of entrepreneurship in the Middle East.

TECHNICAL SKILLS

Languages & Frameworks: Python, C/C++, JavaScript, HTML/CSS, Node.js, Scikit-learn, React, React Native, Nextjs, Django, MongoDB, SQL, Express.js, Java, Expo
Tools: Git, GitHub, LaTeX, MATLAB, Unity, Figma, Blender, MS Office, MySQL, Jupyter Notebook, Vercel, Supabase