www.ShravanGoswami.com

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WORK EXPERIENCE

Research Assistant — University of Cambridge (Remote)   May, 2024-Nov, 2024
(Mentored by Professor Hong Ge)   https://mlg.eng.cam.ac.uk/hong/

- Integrated documentation and website; added jq-based cross-site search. Automated team page updates with EJS and YAML. Created a global navigation bar with bash scripts for Turing's Documenter.jl-based documentation.
- Optimized CI/CD pipeline with GitHub Actions, reducing build time from over 1 hour to 1 minute 45 seconds through caching and versioning using bash scripts. See the results live at turinglang.org.
- Automated the generation of the Machine Learning Group's website at Cambridge University.
- Automated the Machine Learning Group's publication site at Cambridge University, generating author, topic, and year-wise listings from a single BibTeX file. Received credit in the footer: mlg.eng.cam.ac.uk/#footer.
- **Skills Gained:** Quarto, Python & Shell/Bash Scripting, EJS, GitHub Actions, TypeScript, Turing.jl, CI/CD Pipelines, Basic Julia.
- **Current Work:** Redesigning and developing the Machine Learning Group's website at Cambridge University. Improving the MCMCChains.jl package and TypeScript-based probabilistic programming tools.
- **Internship Duration:** Originally 3 months, extended to 6 months due to project impact.

Research Assistant — Vectorly LLC (Remote Internship)   Sep, 2024-Nov, 2025

- My initial 3-month research assistant role at Cambridge University was extended by an additional 3 months, involving responsibilities with both the University and its spin-off, Vectorly LLC.

Technical Content Writer — GeeksforGeeks (Remote Internship)   Jan, 2024-Jan, 2025
- Published more than 23 Technical Articles and Improved 2 Articles.
- Article Domains: Python (10), C++ (3), Git (3), R (2), Django (1), JavaScript (1), Julia (1), Others (2)
- You can find all my articles here — https://auth.geeksforgeeks.org/user/shravanngoswamii/articles

TECHNICAL PROJECTS

Social Media Feed App — GitHub | Django, Python, HTML, CSS, JavaScript, SQLite3   4th Sem. — 2024
- Developed a social media website which includes features like user authentication, posting, liking, commenting, searching other users, guest users, and managing user profiles.
- UI is a bit minimalistic because I am not much of a UI designer. This project can be considered as a Backend template.
- This project is solely made by me, I have not followed any YouTube tutorial for making this.

Projects I have completed in my Internships   May 2024 Onwards
- Turing.jl's website and documentation site - turinglang.org & turinglang.org/docs
- Machine Learning Group's publication's site at Cambridge University - mlg.eng.cam.ac.uk/preview, It will be soon transferred to main site - mlg.eng.cam.ac.uk/.
- My portfolio website is live at shravangoswami.com & hosted on Firebase from here - GitHub.

SKILLS	LINKS	ACHIEVEMENTS
Technical: C++, Python, Julia, HTML, CSS, JS, TypeScript, Shell/Bash Scripting (sed, awk, grep, jq), GitHub Actions **Language:** English, Hindi, Greek (Elementary) **Frameworks & Packages:** Django, Quarto, ReactJS, Franklin.jl, Flutter (Learning), Documenter.jl **Tools:** VS Code, Git, Sublime Text **OS Familiarity:** Ubuntu (WSL) & Windows	**GitHub:** shravanngoswamii **LinkedIn:** shravangoswami **CodeForces:** shravanngoswamii **AtCoder:** shravanngoswamii **Website:** shravangoswami.com **X/Twitter:** shravangoswamii *Not quite active on social media!*	> UTU Shark Tank Winner > IMO State Level Gold Medal > Featured on the website of the esteemed Cambridge University > Working at CERN can be achievement for me if you choose this resume. *I can be a valuable asset!*

OPEN-SOURCE

Part of the Turing.jl team and active in many Julia packages. Everything's here on GitHub - shravanngoswamii

EDUCATION

Uka Tarsadia University (UTU), Bardoli, Surat—Gujarat   2022-2026
Bachelor of Technology in Computer Science and Engineering   **SGPA: 8.53, CGPA: 7.71**

Extra-Curricular Interests: Nietzschean and Platonic Philosophy and Films (Fincher, Tarantino, Scorcese, Spielberg)