SARTHAK
SHAH

CONTACT INFO

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LinkedIn	linkedin.com/in/sarthak-shah-sos
Site	lispy.tech
Github	github.com/cel7t

ABOUT ME

I am a third year Mathematics and ECE student with a keen interest in Programming Language Theory, Operating Systems and Cybersecurity.

EDUCATION

MSc IN MATHEMATICS   2021-2026
BITS Pilani | Hyderabad
(Ongoing)

- 5-year degree, covers the required syllabus for a BSc and an MSc.

BE IN ELECTRONICS AND COMMUNICATIONS ENGINEERING   2022-2026
BITS Pilani | Hyderabad
(Ongoing)

- Pursuing this degree simultaneously with the degree in Mathematics.

EXPERIENCE

GOOGLE SUMMER OF CODE CONTRIBUTOR   May 2023 - Present
GNU Guix

- Working on adding Parameterized Packages to GNU Guix

SYSTEM ADMINISTRATOR   May 2023 - Present
High Performance Computing Lab | BITS Pilani, Hyderabad

- Working as the System Administrator for the HPC

TEACHING ASSISTANT   January 2023 - May 2023
High Performance Computing Lab | BITS Pilani, Hyderabad

- Worked as the System Administrator for the HPC
- Worked on an Autodifferentiation tool for Regent

PRESIDENT   June 2022
                                                                    - Present

Society for Open Software | BITS Pilani, Hyderabad

- Founded the Society for Open Software, a student body aimed at increasing Linux adoption on campus. Hosted and spoke at four workshops that covered dual-booting and shell scripting.

SKILLS

Computer Languages	Common Lisp, Clojure, Scheme, C, C++, Bash
Systems	Linux System Administration, Shell Scripting
Languages	English (Native)

WORKSHOPS

DUALBOOTING WORKSHOP   2022 and 2023
Organizer and Speaker | BITS Pilani, Hyderabad
(Slides can be found at https://bits-sos.ml/dualboot)

SHELL SCRIPTING WORKSHOP   2022 and 2023
Organizer and Speaker | BITS Pilani, Hyderabad
(Slides can be found at https://bits-sos.ml/linux-basics)

FUNCTIONAL PROGRAMMING AND TYPE THEORY   2023
Presenter | BITS Pilani, Hyderabad
(Ongoing Course covering Typed Racket)

ACHIEVEMENTS

RANK 3, NCFE-NFLAT   2017-2018
NiSM
(National Finance Exam supported by RBI, SEBI, IRDAI, PFRDA and NISM)

PARTICIPANT, NSM GPU HACKATHON   2022
IIT Bombay

GOLD MEDALIST, QUEEN'S COMMONWEALTH   2015
ESSAY WRITING COMPETITION

OTHERS

EDITOR-IN-CHIEF, WHISPER IN THE WOODS   2022
BITS Pilani Hyderabad's Annual Magazine

MEMBER	ACM
	CRuX, the programming club
	Journal Club