

# SARTHAK SHAH

## CONTACT INFO

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LinkedIn	<a href="https://linkedin.com/in/sarthak-shah-sos">linkedin.com/in/sarthak-shah-sos</a>
Site	<a href="https://lispy.tech">lispy.tech</a>
Blog	<a href="https://blog.lispy.tech">blog.lispy.tech</a>
Github	<a href="https://github.com/cel7t">github.com/cel7t</a>

## ABOUT ME

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

## EDUCATION

<b>MSc IN MATHEMATICS</b> <i>BITS Pilani   Hyderabad</i> (Ongoing)	<b>2021-2026</b>
<b>BE IN ELECTRONICS AND COMMUNICATIONS ENGINEERING</b> <i>BITS Pilani   Hyderabad</i> (Ongoing)	<b>2022-2026</b>

## EXPERIENCE

<b>GOOGLE SUMMER OF CODE CONTRIBUTOR</b> <i>GNU Guix</i> <ul style="list-style-type: none"><li>Working on adding <a href="#">Parameterized Packages</a> to <a href="#">GNU Guix</a>, a transactional package manager and GNU/Linux distribution</li><li>This project provides an interface for creating generic methods for setting and specifying compile-time options for packages, with a wide variety of applications ranging from High-Performance Computing to Embedded Systems</li></ul>	<b>May 2023 - September 2023</b>
<b>ASSISTANT SYSTEM ADMINISTRATOR</b> <i>High Performance Computing Lab   BITS Pilani, Hyderabad</i>	<b>September 2023 - Present</b>
<b>TEACHING ASSISTANT</b> <i>High Performance Computing Lab   BITS Pilani, Hyderabad</i>	<b>January 2023 - May 2023</b>

**PRESIDENT** June 2022  
- Present

*Society for Open Software | BITS Pilani, Hyderabad*

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

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## SKILLS

**Computer Languages** Common Lisp, Clojure, Scheme, OCaml, C, C++

## Systems Linux System Administration, Shell Scripting

**Languages** English, Hindi, Japanese

## WORKSHOPS

DUALBOOTING WORKSHOP 2022 and 2023

**Organizer and Speaker** | BITS Pilani, Hyderabad  
(Slides can be found [here](#))

SHELL SCRIPTING WORKSHOP 2022 and 2023

**Organizer and Speaker** | BITS Pilani, Hyderabad  
(Slides can be found [here](#))

AN INTRODUCTION TO NETWORKING AND THE INTERNET 2023

**Presenter** | BITS Pilani, Hyderabad  
(Covered Privacy and Cybersecurity)

FUNCTIONAL PROGRAMMING AND TYPE THEORY 2023

**Presenter** | BITS Pilani, Hyderabad  
(Ongoing Course covering Typed Racket)

## ACHIEVEMENTS

PARTICIPANT, NSM GPU HACKATHON 2022

<b>PARTICIPANT, NSM GPU HACKATHON</b> <i>IIT Bombay</i>	<b>2022</b>
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RANK 3, NCFE-NFLAT 2017-2018

**RANK 3, NCFE-NFLAT** **2017-2018**  
*NiSM*

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

**GOLD MEDALIST, QUEEN'S COMMONWEALTH  
ESSAY WRITING COMPETITION** 2015

**OTHERS** \_\_\_\_\_

EDITOR-IN-CHIEF, WHISPER IN THE WOODS 2022

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

**MEMBER** ACM  
CRuX, the programming club  
Journal Club