

Amar Lakshya

+91 9412506677

amar-laksh.github.io

[amar-laksh](#)

amar.lakshya@xaviers.edu.in

20/2, R.K. Puram Phase-2

Taj Nagari, Agra

India - 282001

'A Chemical Computer computing on Digital Computers'

Projects & Contributions

C/ASM

FOS - MADE TO BE OPEN : github.com/amar-laksh/fos

- A Monolithic UNIX-like Kernel for the x86 and ARM (Raspberry Pi) platforms.
- ELF Parsing(with kernel parsing), PCI, Serial (ARM), Western Notes for PC Beeper and System Calls.
- Fully Functional Support for GPIO Pins (ARM) wrapped as Arduino-compatible functions.

Python

VITAE : github.com/amar-laksh/vitae

- An Esoteric, Interpreted python-built language built entirely with regular expressions.

JavaScript

REPLAYCER : addons.mozilla.org/en-US/firefox/addon/replaycer

- A fun Browser Add-on to replace content on the web.

C++

CACHE PATCH (CORE), MOZILLA CONTRIBUTION : [git log | grep amar on codebase](#)

- Worked on patching cache entries that expire immediately

Python/Rust

FOCUS TV : github.com/amar-laksh/focustv

- An extremely responsive face detection system which automatically pauses Media(YouTube and VLC Media Player) when you aren't looking.

Bash/Python

TRYING TO KNOW YOU BETTER : github.com/amar-laksh/TryingToKnowYouBetter

- The Election Commission's website leaks data that can be analyzed to effectively locate all registered voters.

Publications

2015

CROSSED & KNOTTED - INDIA'S FIRST COMPOSITE NOVEL : amazon.in/Crossed-Knotted-Various-Authors/dp/8192997529

- Co-Author of India's First Composite Novel

2017

BEYOND GOOD AND EVIL : amar-laksh.github.io/beyond-good-and-evil

- A paper focusing on the futility of recognizing Good and Evil as deterministic forces in the world.

Work Experience

July 2017 - Sept 2017

JUNIOR DEVELOPER (LINUX) - INTERN: APOGEE TECH GLOBAL INC. (Bangalore)

- Developed a complete, cross-platform React-based Anti-virus suite.

Dec 2017 - Present

SOFTWARE ENGINEER (LEAD): NYMBLE LABS (Bangalore)

- Designed the software stack, software architecture and programmed the codebase using C++ and ROS2 for an Automated Cook.

Education

BSc. I.T., 3.26/4.00 - 2014-2017

St. Xaviers College, Mumbai - Autonomous

xiith, 81.00% - 2013-2014

St. Peters' College, Agra

xth, 86.00% - 2011-2012

St. Peters' College, Agra

References

Ms. Lydia Fernandes

St. Xaviers' College, Mumbai - Autonomous

Professor at St. Xaviers' College

lydia_fdes@yahoo.co.in, +91 9930280196