Amar Lakshya

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amar-laksh.github.io

⌂ amar-laksh

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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

FOCUSTV : 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

TRYINGTOKNOWYOUBETTER : github.com/amar-laksh/TryinToKnowYouBetter

- 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.

Experience

July 2017 - Sept 2017
Apogee Tech Global Inc.
Junior Developer (Linux) - Intern
Bangalore

Dec 2017 - present
Nymble Labs
Software Engineer (Lead)
Bangalore

References

Ms. Lydia Fernandes
St. Xaviers' College, Mumbai - Autonomous
Professor at St. Xaviers' College
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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