

Amar Lakshya, BSc. IT

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‘A Chemical Computer computing on Digital Computers’

Projects & Contributions

C/ASM	<p><u>FOS - MADE TO BE OPEN</u> : github.com/amar-laksh/fos</p> <ul style="list-style-type: none">• 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	<p><u>VITAE</u> : github.com/amar-laksh/vitae</p> <ul style="list-style-type: none">• An Esoteric, Interpreted python-built language built entirely with regular expressions.
JavaScript	<p><u>REPLAYCER</u> : addons.mozilla.org/en-US/firefox/addon/replaycer</p> <ul style="list-style-type: none">• A fun Browser Add-on to replace content on the web.
C++	<p><u>CACHE PATCH (CORE), MOZILLA CONTRIBUTION</u> : git log grep amar on codebase</p> <ul style="list-style-type: none">• Worked on patching cache entries that expire immediately
Python/Rust	<p><u>FOCUS TV</u> : github.com/amar-laksh/focustv</p> <ul style="list-style-type: none">• An extremely responsive face detection system which automatically pauses Media(YouTube and VLC Media Player) when you aren't looking.
Bash/Python	<p><u>TRYING TO KNOW YOU BETTER</u> : github.com/amar-laksh/tryintoknowyoubetter</p> <ul style="list-style-type: none">• The Election Commission's website leaks data that can be analyzed to effectively locate all registered voters.
English	<p><u>BEYOND GOOD AND EVIL</u> : amar-laksh.github.io/beyond-good-and-evil</p> <ul style="list-style-type: none">• A paper focusing on the futility of recognizing Good and Evil as deterministic forces in the world.
English	<p><u>CROSSED & KNOTTED - INDIA'S FIRST COMPOSITE NOVEL</u> : www.amazon.in/Crossed-Knotted-Various-Authors/dp/8192997529</p> <ul style="list-style-type: none">• Co-Author of India's First Composite Novel

Internships

July 2017 - Sept 2017	APOGEE TECH GLOBAL INC. <i>Junior Developer (Linux)</i> Bangalore
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Education

2014-2017	BSc. I.T., 3.26/4.00 <i>St. Xaviers College, Mumbai - Autonomous</i>
2013-2014	12th, 81.00% <i>St. Peters' College, Agra</i>
2011-2012	10th, 86.00% <i>St. Peters' College, Agra</i>