Aroonav MISHRA

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EDUCATION

Examination	University/Board	Institute	Year	CPI/%
Graduation	IIIT Bhubaneswar	IIIT Bhubaneswar	2013-2017	8.06/10.0
Intermediate/+2	CBSE	Sri Sankara Vidyalaya, Bhilai, CG, India	2013	88.0
Matriculation	ICSE	BEMS, Jharsuguda, Odisha, India	2011	89.7

EXPERIENCE

KDE
MAY-AUG 2015
[Git Commits]
[Blog Posts]

Google Summer of Code Intern
Mentors: Mark Kretschmann & Myriam Schweingruber
• Ported Amarok media player to use Qt5 libraries & KDE Frameworks 5 libraries, a collection of libraries by KDE that forms the foundation of KDE applications.
• Tech Stack: CMake, GNU Make, Git, C++.

PROJECTS

Active authentication using behavioral biometrics | Ongoing
Mentor: Prof. Puspanjali Mohapatra, IIIT Bhubaneswar
• Investigating behavioral biometrics for continuous authentication of users independent of specific hardware or sensors.

Baggy bounds checking using Clang and LLVM [GitHub]| Summer 2016
Mentor: Dr. Debasish Jena, IIIT Bhubaneswar
• Implemented and analysed baggy bounds checking using a binary buddy memory allocator to prevent out-of-bound errors and identify security problems.
• Tech Stack: C, C++, Clang, LLVM

Sentiment Analysis of Twitter Data. [GitHub]| Fall 2015
Mentor: Prof. Mukesh Tiwari, IIIT Bhubaneswar
• Extracted sentiment from real time messages about people's opinion regarding a topic.
• Tech Stack: Java, Apache Hadoop

Linux From Scratch [GitHub]| Fall 2014
• Constructed a fully functional operating system running Linux kernel compiled and manually configured from source code.
• Tech Stack: GNU Make, bash

SEMINARS

Spring 2016   Python Virtual Environments [Slides] [Report]

ACHIEVEMENTS

2010	National Rank 81 in Unified Cyber Olympiad
2010	2nd Rank in Quiz in SGAT State Level Environment & Mineral Awareness Program
2009	National Rank 290 in Unified Cyber Olympiad
2008	National Rank 114 in Unified Cyber Olympiad
2008	National Rank 445 in National Science Olympiad