

# 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

<b>KDE</b> MAY-AUG 2015 <a href="#">[Git Commits]</a> <a href="#">[Blog Posts]</a>	<b>Google Summer of Code Intern</b> Mentors: Mark Kretschmann & Myriam Schweingruber <ul style="list-style-type: none"><li>Ported Amarok media player to use Qt5 libraries &amp; KDE Frameworks 5 libraries, a collection of libraries by KDE that forms the foundation of KDE applications.</li><li>Tech Stack: CMake, GNU Make, Git, C++.</li></ul>
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## PROJECTS

- 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