

Akshay Damle

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EDUCATION

BITS PILANI GOA

B.E. (HONS.) COMPUTER SCIENCE
MINOR IN PHILOSOPHY, ECONOMICS
AND POLITICS

Expected May 2017 | Goa, India
CGPA: 9.24

CITY INTERNATIONAL SCHOOL

CBSE | 12TH GRADE
May 2013 | Pune, India
Percentage: 94.8%

THE BISHOP'S SCHOOL

ICSE | 10TH GRADE
May 2011 | Pune, India
Percentage: 94.8%

COURSEWORK

ONGOING Completion: May '16

Design and Analysis of Algorithms
Artificial Intelligence • Compilers
Quantum Information and Computation
Computer Networks

COMPLETED

Data Mining • Operating Systems
Computer Architecture • Network
Programming • Theory of Computation
OOP • Discrete Math • Data Structures
and Algorithms • Database Systems

INDEPENDENT via EdX

Introduction to Linux • Introduction
to Computer Science • Networks, Crowds
and Markets • The Analytics Edge •
Introduction to Computational Thinking
and Data Science

SKILLS

LANGUAGES

Python • Java • JavaScript • C • C++
Shell • Assembly • \LaTeX • R • SQL
HTML • CSS • Verilog • Prolog

OTHER

UX Design
Socket Programming
Object Oriented Design
Test Driven Development
Data Analytics with R
NodeJS
MongoDB
SocketIO

EXPERIENCE

ZERO LABS | WINTER INTERN

Dec 2015 - Jan 2016 | Pune, India

- Worked on generating statistical metadata of audio features for classification of sounds as music or speech and for gender-based classification of speech.

BHABHA ATOMIC RESEARCH CENTER | SUMMER INTERN

May 2015 - July 2015 | Mumbai, India

- Worked on the Kalman filtration of radiation monitoring data for prediction of source terms in nuclear power plants.

BITS PILANI GOA | TEACHING ASSISTANT

Jan 2015 - Present | Goa, India

- Conducted and set problems for lab sessions in C and Java.
- Courses: Computer Programming, OOP and Microprocessors.

PROJECTS

VISUALIZATION OF ISP GRAPHS Aug 2015 - Dec 2015

Implemented graph visualization algorithms in a web app for viewing AS-level topology graphs generated using BGP data archived by the Route Views Project of University of Oregon.

MULTIPLAYER WORD GAME USING WEB SOCKETS Aug 2015

Developed a web app for a multiplayer word forming game that supports multiple simultaneous game instances.

MESS MANAGEMENT SYSTEM Aug 2014 - Dec 2014

Developed an object oriented design based software system for the effective management of the dining messes on campus.

ACHIEVEMENTS

2015 university
2014 university

Awarded the institute's scholarship for all semesters
Top 3 in the courses: Probability and Statistics,
Engineering Graphics, Database Systems, Digital Design,
Microprocessors, Theory of Computation
Top 3, Network Management Workshop, Nettech
Rubik's Cube Competition, Techfest Mania, IIT Bombay
Joint Entrance Exam (Main)
Joint Entrance Exam (Advanced)
Plaque for Excellence in the ICSE examination
Anis Jamadar and Santosh Salve Memorial Prize for
Gentlemanly Qualities, The Bishop's School

2014 university
2014 NR 1850
2013 1632/13 lakh
2013 6167/1.5 lakh
2011 20/250
2011 18/250

POSITIONS OF RESPONSIBILITY

CO-ORDINATOR Computer Science Association | BITS Pilani, Goa

Elected co-ordinator of ASCII, the computer science association on campus. My work involves organizing events such as competitive coding competitions and hackathons, and moderating the community of CS students online.

CO-FOUNDER Technology Incubator Programme | BITS Pilani, Goa

Co-founded a programme aimed at boosting the level of technical innovation on campus by mentoring students in projects related to several fields of technology.