Apurva Pathak

http://apurvapathak.me

technoapurva@gmail.com | 858.261.8023

SUMMARY

More than 2 years' experience as a software engineer. Proficient in problem-solving, design, implementation and strong background in data science.

EDUCATION

UC SAN DIEGO

MS in Computer Science and Engineering

Expected 2017 | La Jolla, CA
Cum. GPA: N/A

NATIONAL INSTITUTE OF TECHNOLOGY

BTech (Hons.) in Computer Science and Engineering

April 2013 | Rourkela, India
Awarded with the certificate of merit continuously for 3 years for my academic performance.
Cum. GPA: 9.50 / 10.00

LINKS

Github:// **technoapurva**
LinkedIn:// **pathakapurva**

COURSEWORK

UNDERGRADUATE

Algorithms and Data Structures + Practicum
Operating Systems + Practicum
Artificial Intelligence + Practicum
Data Mining
Computer Graphics + Practicum
Database Systems

SKILLS

PROGRAMMING

Advanced:
C \C++ • C# • Matlab \Octave
Proficient:
Java • Python • R • JavaScript • SQL • HTML \CSS
Familiar:
Assembly • LATEX

TOOLS & UTILITIES

Visual Studio • Eclipse • Weka • Arduino • AVR Studio

EXPERIENCE

MICROSOFT CORPORATION | Software Engineer

July 2013 – July 2015 | Hyderabad, India
- Awarded with IT Excellence Award in 2014.
- Developed code merge capability between different branches of Windows' code for Windows SE build and release automation tool.
- Worked at back-end and front-end in February Quarterly Release (FQR) 2015 of Enterprise Commerce Volume Licensing IT.
- All code was reviewed, perfected, and pushed to production.

MICROSOFT CORPORATION | Software Engineering Intern

May 2012 – July 2012 | Hyderabad, India
- Planned, designed and developed an automated service hosting tool for Enterprise Commerce Volume Licensing IT.

CREATEUR CLUB | Vice President

July 2011 – April 2013 | NIT Rourkela, India
- Createur is a student's club of NIT Rourkela which aims at improving the technical competency of students of NIT Rourkela.
- I led a team of 7 people and organized classes on topics like C, C++ and JAVA for the freshmen students during weekends and semester breaks.

RESEARCH

TRAFFIC DASHBOARD BASED ON SOCIAL NETWORK DATA |

Lead author

March 2015 | Conference on Data Sciences 2015, IKDD, ACM

DIVERSITY AND NOVELTY IN RECOMMENDATION SYSTEMS |

Lead author

March 2015 | Conference on Data Sciences 2015, IKDD, ACM

IRIS RECOGNITION | BTech Thesis

December 2013 | National Institute of Technology Rourkela

AWARDS

2015	2nd	Data Challenge in Conference on Data Sciences, IKDD, ACM
2011	2nd in East zone	Nexus 2011, an International Robotics Competition
2010	2nd	Overnite Coding Competition in the Tech Fest, NIT Rourkela
2010	2nd	Encash Your Code (coding competition) at NIT Rourkela
2009	32nd in India	First phase, International Informatics Olympiad

EXTRA

2014-15	President	MACH Education Committee at Microsoft India
2014-15	Member	MSIT Data & Analytics Committee at Microsoft India
2009-13	Member	Cyborg club at NIT Rourkela
2009-10	Volunteer	National Social Services at NIT Rourkela