

Apurva Pathak

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SUMMARY

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

EDUCATION

UNIVERSITY OF CALIFORNIA, 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
 Software Engineering + Practicum
 Database Systems

SKILLS

ENGINEERING

Coding • Machine Learning • Data Science

PROGRAMMING

Proficient:

C\C++ • C# • Matlab\Octave • Java • Python • R • JavaScript • HTML\CSS

Familiar:

SQL • Assembly • \LaTeX

TOOLS & UTILITIES

Visual Studio • Eclipse • Weka • Arduino

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

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