

# 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:// [in/pathakapurva](#)

## COURSEWORK

### GRADUATE (IN PROGRESS)

Probabilistic Reason & Learning • Data Mining & Analytics

### UNDERGRADUATE

Algorithms & Data Structures • Operating Systems • Artificial Intelligence • Data Mining • Database Systems

## SKILLS

### ENGINEERING

Coding • Machine Learning • Data Science

### PROGRAMMING

Proficient:  
 C\C++ • C# .Net • Matlab \Octave • Java  
 • Python • R • JavaScript • HTML \CSS  
 Familiar:  
 SQL • Assembly •  $\text{\LaTeX}$

### 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 using C# and ASP.NET for Windows SE build and release automation tool.
- Worked at back-end and front-end using C#.NET, HTML \CSS and SQL 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 <sup>nd</sup>	Data Challenge in Conference on Data Sciences, IKDD, ACM
2011	2 <sup>nd</sup> in East zone	Nexus 2011, an International Robotics Competition
2010	2 <sup>nd</sup>	Overnite Coding Competition in the Tech Fest, NIT Rourkela
2010	2 <sup>nd</sup>	Encash Your Code (coding competition) at NIT Rourkela
2009	32 <sup>nd</sup> 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