

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

UC SAN DIEGO

MS IN CSE

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

NIT ROURKELA

BTECH (HONS.) IN CSE

April 2013 | Rourkela, India
 Awarded with 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 • Python •
 Matlab \ Octave • Java • 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 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.

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.

TRAFFIC DASHBOARD | FIRST RUNNERS-UP, DATA CHALLENGE

March 2015 | Data Challenge, CoDS 2015, IKDD, ACM

- Crawled road traffic data from social network, extracted relevant insights and made predictions using ML and displayed it in a web dashboard in read-time.

IRIS RECOGNITION | BTECH THESIS PROJECT

July 2012 – April 2013 | NIT Rourkela, India

- Designed an algorithm, S-SIFT, for iris feature extraction and proved its superiority over existing algorithms.

PUBLICATIONS

- **Pathak, Apurva**, et al. A City Traffic Dashboard based on Social Network Data. 2015. | Conference on Data Sciences 2015, IKDD, ACM
- **Pathak, Apurva**, Bidyut Kr. A knowledge reuse framework for improving novelty and diversity in recommendations. 2015. | Conference on Data Sciences 2015, IKDD, ACM

AWARDS

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|------|-----------------|--|
| 2015 | 2 nd | Data Challenge in Conference on Data Sciences, IKDD, ACM |
| 2011 | 2 nd | 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 |

EXTRA

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| 2014-15 | President | MACH Education Committee at Microsoft India |
| 2014-15 | Member | MSIT Data & Analytics Committee at Microsoft India |
| 2011-12 | Vice President | Createur club at NIT Rourkela |
| 2009-13 | Member | Cyborg club at NIT Rourkela |
| 2009-10 | Volunteer | National Social Services at NIT Rourkela |