

Apurva Pathak

40146, 9450 Gilman Drive, La Jolla, CA 92092-0100

<http://apurvathak.me>
apathak@ucsd.edu | 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 CSE

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

NIT ROURKELA

BTECH (HONS.) IN CSE

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 • \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.

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.

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
- **Pathak, Apurva**, et al. Clustering based approach for balancing diversity and accuracy in collaborative filtering. 2014. | Discovery Science 2014
- **Pathak, Apurva**. Recognition using SIFT and its Variants on Improved Segmented Iris. B.Tech. Thesis. 2013. | B. Tech. thesis. Ethesis, NIT Rourkela

AWARDS

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

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