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 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 • • 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

Year	Rank	Award
2015	2nd	Data Challenge in Conference on Data Sciences, IKDD, ACM
2011	2nd	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

EXTRA

Year	Role	Organization
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