Abhishek Dinkar Raut

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EDUCATION:

Binghamton University, State University of New York

Master of Science in Computer Science   Expected May 2019
GPA: 3.4/4.0

Sant Gadge Baba Amravati University, Amravati, India

Professor Ram Meghe Institute of Technology and Research, Badnera, India
Bachelor of Engineering in Electronics and Telecommunication Engineering   August 2010-May 2014
GPA: 3.4/4.0

Honors: IETE Mumbai Centre's Young Researcher's Award, Meritorious Performance Award for Second Year Electronics and Telecommunication Engineering University Exam, Scholarship for Best Academic Performance in Academic Year 2011-12, Second Rank in First Year Engineering University Exam Award

TECHNICAL SKILLS:

- Proficient in C, C++, Java, Python, C#, ASP.NET, MVC, WCF, HTML5, CSS3, JavaScript, jQuery, REST API's, and Microsoft SQL Server
- Excellent in MS Office (MS Word, MS Excel, MS PowerPoint)

EXPERIENCE:

Last Minute Preparation, Amravati, India

CEO and Founder   February 2016-July 2017

- Collaborated with a cross-functional team of seven individuals to provide IT training to 600+ engineering students and achieved 250+ placement
- Developed software solutions for SMEs and Engineering Colleges in West Vidarbha region

Infosys Limited, Mysore, India

Systems Engineer   December 2014-December 2015

- Provided full lifecycle support as a Technology Excellence Division team member to clients from initial client interaction and requirement analysis through design, coding, testing, debugging, software implementation, and integration
- Developed LOB applications Large File Upload Master Client and Maker-Checker browser utilizing Microsoft .net and Microsoft SQL Server platform

C-Net Solutions (I) Pvt. Ltd., Nagpur, India

Summer Intern   May-August 2013

- Participated in the implementation of wireless networks at client locations
- Configured and administered Firewall environments in line with the IT security policy

PROJECTS:

Recommender System

Binghamton University, NY

- Developed a recommender system in Java using the collaborative filtering approach
- Used item-based collaborative filtering and adjusted cosine similarity to compute the item similarity
- Predicted the missing values for a user by weighted sum approach

Intelligent Interpretation System for Diseases on Cash Crops in Vidarbha Region

Academic Project, Professor Ram Meghe Institute of Technology and Research, Badnera, India

- Developed a MATLAB application for the automatic detection and classification of plant diseases and the algorithm implemented K-means clustering technique and Multilayer Perceptron Neural Network

Intelligent Public Transport Prediction System using Wireless Sensor Network

Research Project, Professor Ram Meghe Institute of Technology and Research, Badnera, India

- Developed FTLR Neural Network model using a GM filter for forecasting of the travel time of a public transport vehicle using MATLAB, NeuroSolutions, and XLSTAT

Q-CSMA: Queue-Length based CSMA/CA Algorithm for Achieving Maximum Throughput and Low Delay in Wireless Networks

Research Project, Professor Ram Meghe Institute of Technology and Research, Badnera, India

- Proposed a discrete-time version of the CSMA algorithm, where multiple links are allowed to update their states in a single time slot