Abhishek Dinkar Raut

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EDUCATION:

Binghamton University, State University of New York

Master of Science in Computer Science   Expected December 2018
GPA: 3.4/4.0

Sant Gadge Baba Amravati University, Amravati, India

Bachelor of Engineering in Electronics and Telecommunication Engineering   August 2010-May 2014
GPA: 4.0/4.0

TECHNICAL SKILLS:

- Proficient in C, C++, Java, Python, C#, ASP.NET, MVC, WCF, HTML5, CSS3, JavaScript, jQuery, REST API's, MySQL, and Microsoft SQL Server

EXPERIENCE:

Live in Bing, Binghamton, NY

Data Science Intern   May-August 2018

- Built a web application and machine learning models for collection and processing of real estate data to meet business goals

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) private 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:

Medical Image Registration and Fusion Processing System (ongoing)

Binghamton University, NY

- Developing a Deep Learning framework using Convolutional Neural Networks for registering Computerized Tomography (CT) kidney images

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 the weighted sum approach

Control Model of Adaptive Headlight System

IETE Cynosure (ICCEEE-2013), Lonere, India

- Developed Adaptive Headlight Microcontroller based system using CAN bus protocol
- Designed system to control LED lights based on steering rotation and vehicle yaw rotation
- Awarded Institution of Electronics and Telecommunications Engineers (IETE) Mumbai Centre's Young Researcher's Award

Intelligent Public Transport Prediction System using Wireless Sensor Network

Sant Gadge Baba Amravati University, Amravati, India

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