

Abhishek Dinkar Raut

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EDUCATION:

Binghamton University, State University of New York

Master of Science in Computer Science

Expected May 2019

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

CGPA: 8.28/10.00

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, HTML 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
- Maintained office services by organizing office operations, managing budget, assigning and monitoring tutors and dealing with student queries

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:

Improving Cattle Fodder Storage, Tanzania

International Development Design Summit 2014, MIT D-Lab, USA

- Studied Maasai cattle breeding and caring practices
- Implemented Human-Centered Design approach to build low-cost Hand Hay Baler and Storage Unit
- Taught basic computer skills and English to 20 Maasai to facilitate product iteration, testing and user feedback integration after the summit

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 leaf disease. The algorithm implemented K-means clustering technique and Multilayer perceptron NN for clustering and classification of plant disease.

Gas Switch

Design Innovation Workshop 2014, MIT Media Lab, USA

- Collaborated with Dharavi homemakers to design a mechanical gas switch with a timer functionality, resulting in a 30% increase in cooking time efficiency and a 15% decrease in monthly expenditure

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 timeslot