Praveen Boddapati

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EDUCATION

UNIVERSITY AT BUFFALO
MASTER OF SCIENCE,COMPUTER SCIENCE
Expected Dec 2014 | Buffalo, NY

SASTRA UNIVERSITY
BACHELOR OF TECHNOLOGY,INFORMATION AND COMMUNICATION TECHNOLOGY
Thanjavur,TN,India
Department of Computer Science and Engineering Cum. GPA: 3.45 / 4.0

LINKS

LinkedIn:// **praveen-boddapati**
Quora:// **Praveen-Boddapati**
Github:// **praveenboddapati**

COURSEWORK

GRADUATE
Data Integration
Operating System
Pattern Recognition
Computer Security
Analysis of Algorithms
Distributed Systems

UNDERGRADUATE
Database Management
Data structures
Artificial Intelligence
Functional Programming
Computer Graphics

SKILLS

PROGRAMMING
Proficient with:
Java • Matlab • C • C++
HTML
Have experience with:
JavaScript • Python • LaTeX
Verilog
Familiar Technologies:
iOS • jQuery • MySQL • OSX
Windows • Linux • MS Office
MS Visio

EXPERIENCE

NATIONAL FIRE ADJUSTMENT CO., INC | IT SPECIALIST INTERN
May 2014 – Aug 2014 | Buffalo, NY
- Worked on replacing the existing attendance tracker system of the company.
- Created a network diagram representing all the servers located across the different branches of the company using Visio.
- Created a formal disaster recovery plan and tested it.

ACADEMIC PROJECTS

DISASTER ALERT SYSTEM USING TWITTER DATA BY INTEGRATING WITH APPLICATION DATA | USING JAVA AND MYSQL
Sep 2014 – Present | Buffalo, NY

- We investigate the real time interaction of events such as earth quakes in twitter and propose an algorithm to monitor the tweets and to detect the target event.

- We regard each twitter user as a sensor and apply particle filtering which are widely used for location estimation.

- Our system detects all the disasters such as earthquakes, landslide, tsunami, flood etc. and notification is delivered much faster than JMA broadcast announcements. We develop a new system which allows the user to register and get notification.

IMPLEMENTING THE THREADING COMPONENT OF PINTOS OS | USING C
Aug 2014 – Oct 2014 | Buffalo, NY
Performed "kernel" level programming of the "threading" component of the Pintos Operating System.

IMPLEMENTING THE VIRTUAL MEMORY COMPONENT OF PINTOS OS | USING C
Aug 2014 – Present | Buffalo, NY
Performed "kernel" level programming of the "virtual memory" component of the Pintos Operating System.

FACE RECOGNIZER AND DETECTOR SYSTEM | USING MATLAB
Feb 2014 – Mar 2014 | Buffalo, NY
Developed a Face Recognition system trained and tested using the Yale face database by implementing Eigenfaces and Fisherfaces algorithms using MATLAB

INVESTIGATE EMAIL SPOOFING | USING C
Sep 2013 – Nov 2013 | Buffalo, NY
A cryptographic technique which allows visual information to be encrypted in such a way that decryption becomes a mechanical operation that does not require a computer and maintains the secrecy and confidentiality.