SHARATH BABU SRINIVAS

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OBJECTIVE
Seeking internship and co-op opportunities for summer 2017.

EDUCATION
Syracuse University, School of Engineering, NY | M.S, in Computer Science |Aug 16 - May 2018|
Graduate Coursework: Design & Analysis of Algorithms, Computer Architecture, Artificial Intelligence.
Object Oriented Design, Cloud Computing
VISVESVARAYA UNIVERSITY |NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY|BANGALORE, INDIA
Bachelors in Information and Science Engineering | 3.9/4.0 |2010-2014
Undergraduate Coursework: Parallel Computing, Operating Systems Database Management Systems, Web Technologies, Data Mining

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TECHNICAL SKILLS
Programming Languages: C, C++, JAVA, Python, Java script and other web technologies like HTML,CSS ,PHP
Operating System: Windows, Android, Unix, Linux
Database: MY SQL, MS Access, MongoDB and NoSQL
Software: MS office suite, Android Studio, Visual Studio, Eclipse,IntelliJ,VMWare Vsphere

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WORK EXPERIENCE
Societe Generale Global Solution Centre|Grad Software Engineer|Dec 2015-May 2016|Bangalore, India
- Analyzed and resolved timing issues due to inconsistent data, resulting in 10-20% speedup.
- Delivered production fixes and migrated application database.
- Collaborated with clients from different parts of Europe to provide excellent service.

Sri Venkateshwara Fiber Udyog Pvt. Ltd |Jr. Software Engineer | May--Oct 2015 | Bangalore, India
- Eliminated most of the manual tasks which reduced human efforts by automating application
- Developed an android application which assisted in effective reporting.

RESEARCH & INTERNSHIP EXPERIENCE
Indian Institute of Science |Research Assistant | Jan--Mar 2015 | Bangalore, India
- Analysis of parallel job submissions to Supercomputer & formulating scheduling Strategies

SAP Labs |Software Engineering Intern | SAP Techniversity |July--Nov 2013 |Bangalore, India
- Developed Shopper's Hive, an SAP HANA based application aiding online shopping

Jawaharlal Nehru Centre for Advanced Scientific Research| Research Intern|June--Aug 2013|Bangalore, India
- Associated with the various phases of development and testing of Panini Library

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ACADEMIC PROJECTS
Tic Tac Toe Agent |Fall 2016
- Analyzed the performance of a Tic Tac Toe agent which learns by playing against a human .
- Used algorithms like A*, Min max.

Transport Optimizer |Summer 2014
- Conceptualized a project which monitored and reduced journey time.
- Sponsored by KSCST and a winning project from Bangalore at KSCST project exhibition 2014.

Student Test Simulator |Summer 2013
- Java based project which enables easy college faculty to easily create questionnaire as MCQs to test the skills of students in different courses

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Remote Code Publisher |Spring 2017
- Used the code publisher to build a remote code publisher, local client, and communication channel that supports client access to the publisher from any internet enabled processor.
- The remote code publisher had the ability to download the source code file, delete the file, perform type and dependency analysis on the source code files.
- HTTP style messages are passed using synchronous request/response or asynchronous one-way messaging.

Stock Market Analysis and Prediction |Spring 2017
- Built a stock market analyzer and predictor using HADOOP which analyzed the NYSE stock data to provide the most stable and unstable stocks.
- Predicts the final price of the stock on the closing day using Naive Bayes algorithm
- Implemented Twitter API to extract the tweets based on various stock and trained the tweets to perform sentiment analysis.

Dependency Based Code Publisher |Spring 2017
- Used to extract the lexical content from source code files, and perform type analysis on the source code.
- Built dependency analyzer to find out strong components and dependent files between source code files.
- Built a code repository which supported publication of source and document files using webpage.
- Created HTML files for all the source code files which displayed dependency relationships in the repository and supported navigation based on dependency relationships