JUGU DANNIE SUNDAR

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OBJECTIVE
Seeking internship (summer 2016) involving development of software products with focus on cloud based systems

EDUCATION
Stony Brook University SUNY
M.S Computer Science (Aug 2015- present) – Algorithms, Databases, NLP, Visualization, Computer Vision
Indian Institute of Technology Madras, Tamil Nadu, India
B.Tech and M.Tech (Dual Degree), Biotechnology (Aug 2004 - July 2009)

TECHNICAL SKILLS (http://jugu.github.io/)
Programming Languages: Java/J2EE (proficient), C/C++, Perl, Python (proficient), Javascript (proficient), MATLAB
Application Frameworks: Spring-MVC, Apache Flex

PROFESSIONAL EXPERIENCE
Teaching Assistant, IT Ethics (CSE 312) Stony Brook University   *(Aug 2015 – Dec 2015)*
Reflexis Systems Inc., Atlanta, GA   *(Sep 2012 – July 2015)*
Principle Software Engineer (Apr 2014 -July 2015)
- Performed client requirement gathering and analysis through direct client interaction, and developed roadmap, and supervised workflows for development activities. Reduced turnaround times by half.

Computer Systems Analyst (Sep 2012 -Mar 2014)
- Coded client specific scheduling algorithm (in Java) to address unique scheduling requirements of EMEA clients. Achieved 100% compliance with the labor laws and up to 5% reduction in labor percentage compared with legacy systems. Also reduced time spent on manual shift edits by 50%.
- Improved application performance 10 fold in cloud setup, through index analysis, reducing network imprint, and parallel processing
- Assisted QA, implementation, and support teams at various stages of software cycle through knowledge transfer, product training, and release management

Reflexis Systems India Private Limited, Pune, India   *(Sep 2009 - Aug 2012)*
Product Engineer (Apr 2011 - Sep 2012)
- Developed a new module "Employee Self Service" from scratch for the core workforce management product. The module is used extensively on a daily basis by more than 100,000 end users of the product with more than 95% satisfaction in user survey. (Technologies used: Java/J2EE, HTML, CSS, javascript, SpringMVC, Hibernate)
- Designed and developed the UI for forecasting sales and editing schedules, allowing store managers to edit employee shifts and alter workforce schedules. Reduced user editing time by 20% thereby fastening the decision-making process. (Used: Java/J2EE, Apache Flex, javascript, HTML, CSS)

Software Engineer (Sep 2009 - Mar 2011)
- Developed extracts, data import facilities and UI reports.

Microbiology Lab., Biotechnology Department, IIT Madras   *(Aug 2008 - Nov 2008)*
Teaching Assistant
- Instructed the 2nd year undergraduate students in their first core subject laboratory.

Biological E. Limited, Hyderabad, India   *(May 2007 - June 2007)*
Intern in Production and Quality Control Department
- Prepared comprehensive process reports to document the company production methods for downstream processing of vaccines and antiserum

SCHOLASTIC ACHIEVEMENTS
- GRE : 331/340, TOEFL: 108/120, GMAT: 680/800   (2014)
- Cleared the highly selective IIT-JEE exam which admits 0.01% of applicants.   (2004)
- National merit certificate for top 0.1% percentile score in Computer Science board exam   (2004)
- High school topper in a class of 50 students with 91% marks in board exams   (2004)