ARJUN SRINIVASAN
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OBJECTIVE
Computer Science graduate student at the Georgia Institute of Technology. Areas of interest include Visual Analytics, Databases, Interactive Machine Learning and Decision Support Systems.

EDUCATION
Master of Science (M.S.) in Computer Science, August 2014-December 2015 (expected)
Georgia Institute of Technology, Atlanta-Georgia (USA)
Current GPA: 3.71 out of 4.00

Bachelor of Engineering (B.E.) in Information Science, September 2009-July 2013
R.V. College of Engineering, Bangalore – Karnataka (India)
GPA: 8.68 out of 10.00

SKILLS
Programming/ Scripting Languages:
Most experienced with: Java, Python, JavaScript, HTML, SQL, C#
Familiar with: R, C/C++
Dabbled in: node.js, PHP, Perl, Processing
Databases: SQL Server, Oracle 10g, MySQL, Sybase ASE, SAP HANA
IDE/ Development tools: Microsoft Visual Studio, IntelliJ IDEA, Eclipse, Net Beans, RStudio
Certificate Courses: Java (Sun Certification)
SQL with Oracle Database 10g (Oracle Certification)
C/C++ (certificate issued by iMAX Systems Pvt. Ltd., Mumbai-India)
Adobe Photoshop (certificate issued by Foskia Fx Studios Pvt. Ltd., Mumbai-India)
Adobe Flash with Action Script 3.0 (certificate issued by Arena Animation Studios Pvt. Ltd., Mumbai-India)

WORK EXPERIENCE
- **Georgia Institute of Technology (January 2015-Present)**
  Graduate Research Assistant
    - Working at the Computational Enterprise Science Lab.
    - Research projects primarily focus on Visual Analytics, Machine Learning and Information Visualization.
- **Trendwise Analytics Pvt. Ltd. ,Bangalore- India (April 2014 – May 2014)**
  Intern
    - Developed an application which, given a topic, visualized sentiments from the whole of twitter for the topic.
    - Developed a d3.js based visualization plug-in for visualizing social media data.
    - Developed a prototype of an application which used twitter to predict a movie's box office revenue.
- **SAP Labs India Pvt. Ltd. ,Bangalore – India (July 2013 – April 2014)**
  Associate Developer
    - Primary work involved research and development of Business Process Integration solutions on the Cloud (SAP HANA Cloud Integration).
    - Worked on several POCs including Database refactoring and DB migration from Sybase ASE to SAP HANA.
    - Received a peer recognition award for Teamwork as a part of the SAP Global Recognition Program.
- **GoToPal Internet Pvt. Ltd. ,Bangalore - India (June 2012 – August 2012)**
  Intern
    - Worked on Research and Development in the areas of NLP and Cognitive Science- focused on how these could be combined to develop virtual, intelligent personal assistants
- **Phi Creative Solutions Pvt. Ltd. ,Mumbai - India (June 2011 – July 2011)**
  Intern
    - Worked on design and development of microsites
- **Microsoft Corporation (India) Pvt. Ltd. (September 2013 - 2014)**
    - Member of the Microsoft India App Review Board – reviewed applications published on the Windows store ensuring efficiency in design and performance.

PROJECTS

[Detailed browsing for the below mentioned and other projects (not listed in order to maintain brevity) at: http://arjun010.github.io/]

- **Web-Based Business Ecosystem Exploration System for Competitive Intelligence**(currently working on)
  Developing a web-based platform which uses information visualization and Visual Analytics to facilitate exploration and understanding of inter-firm relationships in business ecosystems (advisor: Prof. Rahul Basole)
- **PUNGA: A Visual Analytics system for analysing and exploring text documents**
  A web-based visual analytics system facilitating entity extraction, entity type modification and aliasing, analysis and exploration of connections between entities in a given collection of text documents
- **A Visual Analytics tool to analyse and predict the Bay Area Bike Sharing Network**
  A visual analytics system which provides interactive visualizations and filtering capabilities to allow users to analyse the existing Bay Area Bike sharing network and also uses Decision trees to predict future usage given any weather conditions.
- **Genedive: Visualization tool for mitochondrial genome sequences** (in collaboration with the Georgia Aquarium)
  A tool to visualize the first ever complete mitochondrial genome sequencing of the world's largest fish- the whale shark. I am being guided on this project by Dr. Alistar Dove – a senior researcher at the Georgia Aquarium, Atlanta
- **FHIR DART: Visual creation and analysis of patient cohorts**
  A population health analysis system that allows creation of patient cohorts using filters and then facilitates further filtering using dynamic querying.
- **TracOhealth (hobby project at SAP Labs India in association with the Govt. of India)**
  An application which used the "Aadhar card" to monitor and improve the medical facilities provided to children in rural areas in India. My contribution primarily focused on Database design and Data Analysis.
- **Shop-buddy (SAP Osmosis 2013 Winning Project)**
  An application which suggested products to customers at a supermarket based on personalized health profiles created by the application.
- **Sports Analytics Dashboard analysing the Indian Cricket Team's performance in ICC World Cups(SAP Dashboard Design Challenge 2011 India- one of the top 6 entries nationally)**
  Presented detailed analysis and reports based on the team's performance in World Cups from 1975-2011 including team suggestions for upcoming tournaments.

PUBLICATION(S)

- "Using an Accountability Based Framework for Data Sharing on the Cloud"- International Journal on Recent Innovation in Engineering and Technology (IJRIET), Volume 1 – Issue 2.

ACHIEVEMENTS

(Winning presentations can be viewed at: http://arjun010.github.io/)

- National finalist of Walmart's Collegiate Innovators Challenge 2014.
- Winner (1st place) of SAP Osmosis 2013 (joint initiative of SAP Labs India and the Govt. of Karnataka, India).
- Winner (1st runner-up) of SAP BizTech 2012 India (presented the application in front of a 4000 strong audience during the DemoJAM at SAP Techniversity 2012).
- National finalist of SAP Dashboard Design Challenge India 2011 (also showcased the dashboard at SAP TechED India 2011).
- Winner at Microsoft's Windows 8 hackathon in Pune, India in April, 2012.
- 1st SAP Student Ambassador selected globally (2013-present).
- Microsoft Student Partner (2011-2013).

LEADERSHIP/ VOLUNTEERING EXPERIENCE

- Worked with Microsoft Corp. (India) as a part of their social media team for Microsoft TechED India 2012 and 2013.
- Joint Secretary for the Rotaract Club of RVCE (2011-12).
- 2014 Georgia Tech Career Fair Liaison
- Organized Microsoft DreamSpark Yatra 2012 Bangalore.
- Member of the Computer Society of India (CSI).

TALKS/PRESENTATIONS (full list can be viewed at: http://arjun010.github.io/)

- "Data Visualization and Dashboard Designing" at the Big Data Management and Business Intelligence Workshop held from 16-20th Dec ,2013 at RV College of Engineering, Bangalore.
- "SAP Lumira for students" at SAP Lumira VIZ JAM on 9th December, 2013 at SAP Labs India, Bangalore.
- "The new SAP University Alliance" with Ann Rosenberg- Head of SAP University Alliances at SAP Techniversity 2013.
- Guest speaker at RVCE Frequency club's session on "Developing apps for Windows phone" on 17th October, 2012.