Siddhant Sudan

625 W 1st ST, Apt #218, Tempe, Arizona - 85281 (USA)   +1 (480) 692 9398 | siddhantsudan2017@gmail.com

EDUCATION

Arizona State University, AZ   August 2017 - Present
Masters in Computer Science
Coursework: Mobile Computing, Semantic Web Mining, Software Requirements and Specification.

Vellore Institute of Technology, Vellore, Tamil Nadu, India   July 2011 - May 2015
Bachelor of Engineering in Computer Science   **GPA: 3.6**

WORK EXPERIENCE

Associate Technology   **Sapient Global Markets**   **July 2015 - July 2017**

- Worked for a Fortune 100 oil and gas company to automate business processes for a particular business unit by posting inspection invoices from Navarik (cargo inspection management software) to SAP directly, so that the accountants need not manually enter the accounting data in SAP-FI module (deals with managing financial accounting). Technology used - Microsoft BizTalk Server, C#.
- Worked for a Chicago-based hedge fund which is one of the world's largest alternate asset managers with more than US $ 25 billion in assets under management and is also one of the leading market makers in the world. Worked on automating end to end flow for trade entry and validation of the trades for different financial instruments (Interest Rate Swaps), so that trades do not have to be created manually and then validated by quality analysts. Technology used - C#, Ranorex.

Junior Associate Technology, Intern   **Sapient Global Markets**   **Jan 2015 – July 2015**

- Got training in C#.
- Was given financial training covering topics such as investment banking, economic markets, equity markets, bond pricing, derivatives, forwards, futures, swaps, trade lifecycle and risk management.

ACADEMIC PROJECTS

- **Price Comparison Website** -Website gets data via API's from various e-commerce sites like Amazon (for test purpose it gets data from Amazon but it can be extended to other e-commerce sites) and displays the products for the user. User can filter according to price and brand type and sort according to price. Code written using HTML, CSS, JQuery and AngularJS.
- **Spam Classification using Support Vector Machine (SVM)** - Built a spam classifier using SVM which tags SMS text messages as SPAM or HAM. Used dataset from UCI Machine Learning Repository.
- **Image Compression using K-means -** Performed image compression using K-means algorithm by selecting 16 most prominent colors in the image.

TECHNICAL SKILLS

Python, C, C++, C#, HTML, CSS, JavaScript, Scikit-learn, Pandas, NumPy, AngularJS, Ranorex Test Automation Suite, Microsoft BizTalk Server, Octave, Microsoft Visual Studio, Microsoft TFS, Mac OS, Windows.

EXTRA CURRICULAR ACTIVITIES

- Member of National Service Scheme (NSS). NSS is a voluntary association of young people in Colleges, Universities and at +2 level working for a campus-community linkage.
- Participated in PayPal's Opportunity Hack Hackathon(2017) to help Non-Profits develop technology solutions for their problems.
- Contributed by devoting time to help young orphan children in an orphanage to improve their computer skills during my summer vacation from May 2010 to June 2010.
- Blogging. Created a blog on automobiles and technology named **TECHNOLOGY WORLD** (**http://www.ourcarworld.blogspot.com**).

HOBBIES

Listening to music, reading about latest technology trends, blogging and cycling.