

Siddhant Sudan

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<https://siddhantsudan.github.io>

EDUCATION

Arizona State University, AZ

August 2017 - Present

Masters in Computer Science

GPA: 4.0/4.0

Coursework: Mobile Computing, Semantic Web Mining, Software Requirements and Specification, Statistical Machine Learning, Foundations of Algorithms, Data Mining, Human Computer Interaction, Information Assurance And Security.

Vellore Institute of Technology, Vellore, Tamil Nadu, India

July 2011 - May 2015

Bachelor of Engineering in Computer Science

GPA: 3.6/4.0

Coursework: Computer Programming and Problem Solving, Programming Fundamentals, Data Structures and Algorithms, Algorithm Design and Analysis, Operating System, Internet and Web Programming, Software Engineering, Cloud Computing, Data Warehousing and Data Mining.

WORK EXPERIENCE

Web Developer School of Biological & Health Systems Eng, Arizona State University

Nov 2017-Present

- Responsible for maintaining department website using WordPress along with HTML, CSS, JavaScript.

Associate Technology

Sapient Global Markets

July 2015 - July 2017

- **Chevron Corporation**: Automated business processes for a particular business unit by posting inspection invoices from Navarik (a cargo inspection management software) to SAP. This enabled accountant to avoid manual entry of accounting data in SAP-FI module (deals with managing financial accounting). Technology used - Microsoft BizTalk Server, C#, SQL, .Net.
- **Citadel LLC**: 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#, .Net, Ranorex.

Junior Associate Technology, Intern

Sapient Global Markets

Jan 2015 – July 2015

- Practical training in C#.

ACADEMIC PROJECTS

- **Movie/Music Recommendation** –Used Collaborative Filtering along with Matrix factorization to recommend movie to users based on ratings of movies given by other users. This can also be used for music recommendation. Technology: Python, Scikit-Learn
- **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. Technology: Python, Scikit-Learn
- **Price Comparison Website** - Website gets data via API's from various e-commerce sites like Amazon and displays the products for the user. User can filter according to price and brand type and sort according to price. Technology: HTML, CSS, JQuery and AngularJS.

TECHNICAL SKILLS

Python, C, C++, C#, .Net, HTML, CSS, JavaScript, SQL, 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.
- Involved in helping 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 (<http://www.ourcarworld.blogspot.com>).