

ASHUTOSH PAREKH

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EDUCATION	Dwarkadas J. Sanghvi College of Engineering , India	2012-2016
	<i>Bachelor of Engineering in Information Technology</i>	GPA: 9.34/10
	K.J. Somaiya College of Science and Commerce , India	2010-2012
	<i>Higher Secondary Certificate</i>	Percent: 90.17
	Fatima High School , India	1998-2010
	<i>Secondary Secondary Certificate</i>	Percent: 94.73
PUBLICATIONS	Ashutosh Parekh , Nilay Shah, Lekhraj Varshney, Neepa Shah, Mitchell D'Silva, Heuristic Generation of Dynamic Quiz Game Using Linked Data and Gamification , <i>IEEE International Conference on Inventive Computation Technologies 2016</i> .	
PROFESSIONAL EXPERIENCE	Technology Analyst, JPMorgan Chase & Co.	July'16-present
	<i>Risk and Finance Technology, Mumbai, India</i>	
	Developer Intern, Quantiphi Analytics Pvt. Ltd.	June'15-July'15
	<i>Mumbai, India</i>	
TECHNICAL SKILLS	<ul style="list-style-type: none">• Programming Languages: C, C++ (STL), Python, Java (basic)• Web Development: HTML, CSS, JavaScript, Django, PHP, Phonegap• Database: MySQL, SPARQL	
TECHNICAL PROJECTS	Ranking of DBpedia Entity Properties Using Machine Learned Ranking Algorithms	
	<ul style="list-style-type: none">• Supervised learning and the Random Forests MLR Algorithm was used for the purpose.• Improved upon the previously published method and achieved satisfactory results along with providing an API.	
	Similar Entity Recommendation System Leveraging Linked Open Data	
	<ul style="list-style-type: none">• Finds semantically similar resources pertaining to the given resource using Linked Data and DBpedia as the database.• Uses various factors like the total number of common properties, the total distance between the two resource nodes in the graph and NLP techniques using the Alchemy API.	
	Happy Hearts Fund (NGO) - Website and Application	
	<ul style="list-style-type: none">• Tracks the current status of rebuilding the schools affected by disasters, developed as part of JPMorgan's Code for Good Challenge 2015.• Also created a multi-lingual mobile application for collecting data for the same.	

GreenCiti Waste Collection and Disposal Management Web App

- Portal for the NGO GreenCiti which allows waste donors to add requests for waste collection and admins can manage those requests.
- Various analytics are made available to the admin in the form of heat maps and predicts total waste collection for a given time frame for greater insight.

Other Projects

- Developed user management and quiz modules for the DJ Trinity fest website. Also co-created the **Android App** with push notifications. Play Store: <https://goo.gl/S19X31>.
- Webmaster and creator of the CSI Chapter's website (www.djcsi.in) year 2014-15.
- Designed a website (www.resourcepen.esy.es) providing educational materials for engineering students.

ACHIEVEMENTS AND AWARDS

- Ranked 57th at the **ACM-ICPC Kharagpur Asia Regionals 2014 Onsite Coding Contest**.
- Secured 179th rank at the **ACM-ICPC Amritapuri Asia Regionals 2014 Onsite Coding Contest**.
- Represented DJ Sanghvi at the **ACM-ICPC Kharagpur Asia Regionals 2013 Onsite Coding Contest**.
- **Challenge Winner** at **JPMorgan's Code for Good Challenge**, Mumbai '15.
- Runner-up at **DJ CSI Codeshastra Hackathon 2016**.
- Recipient of the prestigious **JRD Tata Trust Scholarship** for academic excellence during the year 2014-15.

LEADERSHIP AND EXTRA- CURRICULAR

- **Vice-Chairperson (Technical)** of the Computer Society of India Student Chapter 2014-15.
- **Teaching Assistant** (Data Structures and Programming Basics) and **Mentor** at DJSCE Codestars Programming Club.
- **Microsoft Student Partner** for the year 2014-15 and **Google Student Ambassador** for the year 2013-14.
- **Placement Coordinator** and Member of **Student Council** of the college during the year 2015-16.
- **Technical Head** of the ICACTA (International Conference) Committee 2014-15.
- **InfoTech Head** of the annual college festival Trinity 14-15.