Shree Tanna

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Summary

I love solving complex problems and exploring new technologies. I am passionate about graph theory and algorithms as well as influenced by programming in all major languages like Java, Ruby, Python in web, mobile or enterprise platforms. My passion for Graph Theory led me to pursue the master's degree in Computer Science from Concordia University (Montreal, Canada) with a thesis in the area of Graph Theory. I gained experience and expertise in development skills by working in various academic projects, trainings and projects of self-interest. I want to apply my deep knowledge in technology to positively affect the lives of millions daily. I look forward to being a part of a team that is driven and fast-paced.

Education

2012–2015 **Masters of Computer Science**, *Concordia University*, Montreal, Canada.

2007–2010 **Bachelor in Computer Science and Engineering**, *GTU*, Gujarat, India.

Masters Thesis

Title *Broadcasting in Harary Graphs*

Supervisor Dr. Hovhannes A. Hartyunyan

Description This thesis studies the problem of broadcasting (an *NP-Complete* problem) in Harary graph and Modified Harary graph in deep.

Technical Proficiency

Web: Ruby on Rails, Build RESTful API, Python, JavaScript, AJAX , HTML5, CSS3, Sass, ASP.NET, JSP, Servlet, Libraries like jQuery, Twitter Bootstrap, AngularJs (Beginner)

Skills: System design, Database management, Cloud services like Heroku, Rackspace, AWS

Enterprise: JAVA, C#.NET , Visual C++, C / C++

Database: MySQL, Oracle, PgSQL, SQLITE.

Version Control: Git, Git flow

Beginner: Android & iOS mobile application development.

Others: Integration with third party SDKs and libraries, scientific writing, LaTeX

Experience

2012–2014 **Graduate Research Assistant**, *Concordia University*, Monreal, Canada.
Did research in the area of Graph Theory and Broadcasting with Dr. Havhannes Harutyunyan and fellow students.

2011–2012 **Internship**, *BISAG - www.bisag.gujarat.gov.in*, Gandhinagar,Gujarat,India.

Project name:	OpenSource GIS application Development
Status:	Completed and submitted to the Company
Technology:	Core Java , GeoTools API (Java based open-source library), Swing, Multi-threading
Functionality:	OpenSource GIS Application with most features like ArcGIS. Apply Graph Algorithms to manipulate Maps in the application.
Special notes:	With the guidance of the Project Engineer, published the research paper for the same.

Achievements & Participation

- P. Bhabak, H. A. Harutyunyan and S. Tanna. Broadcasting in harary-like graphs. In *13th International Symposium on Pervasive Systems, Algorithms, and Networks(I-SPAN 2014)*, Chengdu, 2014.

- R. Majithiya, S. Tanna, V. Vasara and N. Srivastava. Development of Spatial data application using GeoTools library (a Java GIS toolkit) for visualization of water resource data. ICIKR-ETS-2012 (ISBN : 978-81-906220-3-5)

- Presented Paper on "Walking Motion Analysis" at International Conference on Innovative Science and Technology.

References

- **Dr. Harutyunyan, Hovhannes**
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