

## Contact

[www.linkedin.com/in/dheerumundluru](http://www.linkedin.com/in/dheerumundluru) (LinkedIn)  
[www.semanticsquare.com](http://www.semanticsquare.com)  
(Company)

## Top Skills

Java EE (Spring & Hibernate)  
Design Patterns  
Java EE (Spring)

## Honors-Awards

Certificate of Appreciation

## Publications

Automatically Constructing Wrappers  
for Effective and Efficient Web  
Information Extraction  
  
Experiences in Crawling Deep Web  
in the Context of Local Search  
  
Automatically Mining Result Records  
from Search Engine Response  
Pages  
  
Automatically Extracting Web Data  
Records

# Dheeru Mundluru, Ph.D.

Founder & CTO at Semantic Square | 125k+ Students | Top-rated  
Instructor on Udemy  
Hyderabad, Telangana, India

## Summary

I am the founder of Semantic Square ([www.semanticsquare.com](http://www.semanticsquare.com)) - an EdTech firm offering World-class, industry-oriented online Software Engineering programs. Based on a unique teaching philosophy, Semantic Square's mission is to build Complete & Industry-Ready Engineers with skills on par with engineers at top engineering teams. Programs are extremely in-depth, highly inspiring and very practical emphasizing best practices, design principles & design patterns. As founder I was instrumental in building its flagship 'Java In-Depth' Master Course whose content is used by over 100,000 students from 170+ countries including professionals from companies like IBM & TCS and students from universities such as Cornell, MIT, and IIT. Apart from this, I've also created in-depth courses on Design Patterns, Functional-style Programming in Java, and Java Modularity.

I've a strong background in Software Design & Engineering, Web Data Mining, and Information Retrieval. I'm passionate about building well-designed software and highly inspiring & in-depth courses within these domains. Prior to my current gig, I've worked for several years as a Research Engineer in Silicon Valley & Southern California developing complex Web data mining & integration software. I've also published and presented half-a-dozen research papers at top conferences & workshops such as International Conference on Data Mining (ICDM) and Geographic Information Retrieval (GIR).

## Reviews on My Work:

"One of the best courses I have taken on coding in general! On par with courses you can take from Stanford Engineering Everywhere."

"This is hands down the greatest online course I've ever taken ... I am now a data engineer and this course is one of the biggest catalysts for my transition into tech."

"This is by far the best advanced as well as beginner course I have ever read/seen since Andre LaMothe quit writing."

Top Courses:

Java In-Depth: Become a Complete Java Engineer!

[www.udemy.com/course/java-in-depth-become-a-complete-java-engineer/](http://www.udemy.com/course/java-in-depth-become-a-complete-java-engineer/)

Complete Java Engineer (Extended Version of Udemy Course.  
Includes Professional Certification)

<https://www.semanticsquare.com/courses/complete-java-engineer>

Design Patterns, Principles and Best Practices in Java

[www.semanticsquare.com/courses/design-patterns](http://www.semanticsquare.com/courses/design-patterns)

Functional-style Programming in Java using Lambdas & Streams

[www.udemy.com/course/functional-programming-in-java-using-lambdas-and-streams/](http://www.udemy.com/course/functional-programming-in-java-using-lambdas-and-streams/)

A Deep Dive into The Java Platform Module System (JPMS)

[www.semanticsquare.com/courses/java-platform-module-system](http://www.semanticsquare.com/courses/java-platform-module-system)

All Courses: [www.semanticsquare.com/collections](http://www.semanticsquare.com/collections)

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## Experience

Semantic Square

Founder, CTO & Principal Instructor

December 2013 - Present (11 years 6 months)

Hyderabad Area, India

Semantic Square is an EdTech organization offering World-class, industry-oriented online Software Engineering programs. Based on a unique teaching philosophy, Semantic Square's mission is to build Complete & Industry-Ready Engineers. As founder, I was instrumental in building its flagship 'Java In-Depth' Master Course whose content is used by over 100,000 students from 160+ countries including professionals from companies like IBM & TCS and students from universities such as Cornell, MIT, and IIT. The course is

designed around a novel, industry-vetted curriculum with an emphasis on comprehensiveness, practicality and industry-standard best practices and design rules. Apart from this, I have also created in-depth courses on Design Patterns, Functional-style Programming in Java, and Java Modularity. Below are the links to courses and few important testimonials.

Java In-Depth: Become a Complete Java Engineer!

[www.udemy.com/course/java-in-depth-become-a-complete-java-engineer/](http://www.udemy.com/course/java-in-depth-become-a-complete-java-engineer/)

Java In-Depth: The Master Course (Extended Version of Udemy Course. Includes Professional Certification)

[www.semanticsquare.com/courses/java-in-depth](http://www.semanticsquare.com/courses/java-in-depth)

Explore All Courses: [www.semanticsquare.com/collections](http://www.semanticsquare.com/collections)

Few Testimonials:

"One of the best courses I have taken on coding in general! On par with courses you can take from Stanford Engineering Everywhere."

"This is hands down the greatest online course I've ever taken ... I am now a data engineer and this course is one of the biggest catalysts for my transition into tech."

NimbleCommerce

4 years 8 months

Principal Engineer

July 2011 - August 2013 (2 years 2 months)

Santa Clara, CA

As an early member at NimbleCommerce, a leading e-commerce platform for media firms to launch daily deal sites, I was responsible for architecting and implementing some of its core data integration and sales intelligence features. Responsibilities also include creating technical documents, defining product specifications, managing in-house and off-shore engineers, and interacting with over 30 external technical teams to integrate APIs. Following are some of the key components that I was involved in developing:

- Led a small team in conceptualizing and developing Analyzer, a "sales intelligence tool", which helps sales teams to identify top local businesses to partner with. Given a business name and location, the tool analyzes past

sales of the publisher to predict the number of sales that a daily deal from this business can make. Additionally, the tool also displays a dashboard with social data about the business that is extracted from various sources like facebook, yelp, google places, trip advisor, and group on.

- Involved in architecting and implementing several key components in Nimble Network, a marketplace for daily deals, which allows NimbleCommerce clients to: (a) share deals with one another, (b) source deals from and to several external partners (e.g., Signpost, Travel Zoo, Google Offers) via complex and deep API integration, (c) share deals with affiliates via a RESTful API.

- Generated market analysis data in daily deal space by Web data scraping during the initial phase of product launch, which helped sales team in signing-up several major clients

- Implemented a flexible single sign-on framework that enables deal sites to have single sign-on feature.

- Implemented geo-location framework to display the most relevant deals to users.

### Data Mining Research Engineer

January 2009 - June 2011 (2 years 6 months)

Santa Clara, CA

Apart from my contribution's to NimbleCommerce's SaaS platform, I was also involved in developing several key Web data mining algorithms that power IMshopping.com, another social commerce product that was developed at NimbleCommerce. IMshopping is a human-assisted shopping Q&A Website and the algorithms I implemented include: Q&A recommendation engine, Q&A categorization algorithm, user reputation system, a record linkage algorithm for associating products to their reviews on the Web.

### Local.com Corporation

Research Scientist

July 2006 - January 2009 (2 years 7 months)

Irvine, California

Designed and implemented innovative algorithms in the areas of structured data extraction, Deep Web crawling, and opinion mining. The Deep Web crawling project enabled Local.com to significantly enrich its existing business data by crawling high-quality structured data (e.g., ratings & reviews) from the Deep Web.

## Webscalers

Software Engineer (Intern)

May 2004 - August 2004 (4 months)

Responsible for developing automated tools for evaluating the performance of SELEGO, which is a unique metasearch engine that allows users to construct their own metasearch engines on-demand.

## Thought Creek

Software Engineer (Intern)

June 2002 - August 2002 (3 months)

Santa Clara, California

Developed a flexible Web-based, wireless application for venue/event management that can be deployed at industry trade shows, museums, etc. Instrumental in developing the complete system successfully in less than 3 months.

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## Education

University of Louisiana at Lafayette

Ph.D., Computer Science · (2003 - 2008)

University of Louisiana at Lafayette

MS, Computer Science · (2000 - 2003)

University of Madras

BE, Computer Science and Engineering · (1996 - 2000)