

# Louis J Iacona

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Staten Island, NY

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University Lecturer

Private Tutor

Systems Analyst

Software Engineer / App Designer

Data Analyst

## Skills Profile

### Core Technical SDLC Competencies:

- **Methodologies/Frameworks:** RUP, UML, Use-Case Analysis & Elaboration, SCRUM, XP
- Object Oriented Analysis/Design
- Data modeling / relational schema design
- **Web/Internet development & operational standards:** HTTP, D/HTML, JSP, XML/XSL, JSON, XPath/XQuery and related.
- **Computing Platforms:** Linux, Commercial UNIX, MS Windows, VM-Ware
- **Infrastructure Management:** BMC TSCO, Dynatrace, Splunk, , AWS Mgt Console, ServiceNOW
- **Programming Languages:** Python, Java, C/C++, UNIX/Linux Shell(s), Perl, Tcl/TK, awk
- **Persistence Management:** SQL Language, MySql, SQLite, Oracle, Sybase, MS/SQL-Server, MongoDB, Distributed DB2/Informix, JDBC, ORM Tools: Hibernate, Cocobase
- **Application Servers / IDEs:** IBM Websphere, JBoss, Tomcat, Eclipse, RAD/RSA, NetBeans, PyCharm, BlueJ and similar
- **CRM Platforms:** Salesforce, Act!, Redtail

*\*An addendum describing broader/deeper project detail is available for the asking.*

## Professional Experience

**Professional Engagement Domains:** Academia, Telecommunications, Computing Technology, Financial Services, Transportation, Health and Wellness Products, Pharma, Compliance, Wholesale/Retail, Infrastructure

### Adjunct Lecturer, CSI/CUNY, Staten Island, NY 2014 ~ Present

\* Teaching though a rotation of the following Courses at College of Staten Island – City University of New York:

- CSC315: Introduction to Database Systems
- CSC330: Object-Oriented Software Design
- CSC430: Software Engineering
- CSC490: Seminar in Computer Science
- CSC714: Software Systems Analysis & Design

\* Student Career Advisory Board member since 2014.

### Academic Tutor, Wyzant.com Platform 2012 ~ Present

Provided 1,500+ hours of tutoring to students with a wide variety of backgrounds and skill levels. Wyzant-Certified to teach 16 subjects/topics including: Computer Science, Computer Programming, Linux/UNIX, Java, C/C++, JavaScript, Python, SQL, Writing, and others.

### Independent Contractor - SelfStarter Computing Services 2019 ~ Present

Executed SDLC and other technology platform related projects for multiple customers including Con Edison, Horizon Blue Cross Blue Shield of NJ, Republic Immobilization Services of NYC, and Dape Consulting, Inc.

### System /Data Analyst, AXA-Equitable – Jersey City, NJ 2010 ~ 2019

Led and contributed to projects focused on creating/enhancing Producer Compensation and Wealth Management systems.

### Solution Architect, JetBlue Airways – Forest Hills, NY 2009 ~ 2010

Assignments focused on sweeping renewal initiatives around the Customer Reservation System, “onboard” e-commerce systems and primary data warehouse feed and access flows.

### Software Designer, HP Software – Paramus, NJ 2007 ~ 2009

Responsible for maintaining and expanding the features of a Client [Device] Automation platform called RADIA. Also supported Change Request backlog and lead POC for Virtual Appliance management.

### Development Director, onProject , Inc.– Cedar Knolls, NJ 2004 ~ 2007

Lead a 5-7 person team to build the next generation of residential construction scheduling application – replaced Cold Fusion implemented legacy application with J2EE implementation.

## Prior Experience

**ICP Corp – Staten Island, NY:** technology consulting services  
**OmniE Labs – Morris Plains, NJ :** technology consulting services  
**ESPI – Shrewsbury, NJ:** telecommunications services platform startup  
**Bellcore – Red Bank, NJ:** Network Planning and Software Systems  
**Bell Laboratories – Holmdel, NJ:** Network Performance Planning

## Education

### City University of New York (CUNY)/CSI:

- M.S., Computer Science
- B.S., Computer Science/Math
- A.A.S., Computer Science

## Publications

### JavaWorld.com:

- April 2009 – "[Lamport OTP Overview and Reference Implementation](#)"

### The Linux Journal:

- July 2010 -- "[Internationalizing Those Shell Scripts](#)".
- April 2008 – "[Puppy Linux](#)"
- November 2002 -- "[Dogs of the Linux Shell](#)"
- Oct 2001 -- "[The At Utility – At Your Service](#)"
- June 1999 -- "[The Awk Tool](#)"

### WebSphere Journal:

- April 2004 – "[WebSphere HATS off to Legacy](#)"

## References

Several professional endorsements can be found at: <https://www.linkedin.com/in/louis-iacona-2581082/> Additional professional or personal references can be provided on request.

## Value Proposition: a note from Louis Iacona

I believe I offer a unique combination of industry and academia experience. I started my career with Bell Laboratories where my initial assignments revolved around automating the acquisition and analysis of network performance data. Since then, I joined, or helped form, multiple early-stage organizations, and employed by organizations ranging from 7 to 10,000s of employees, across many different vertical business markets. I've been tutoring / teaching since 2012 in my professional areas of expertise. Although I've had job titles ranging from Member of Technical Staff, Solution Architect to Development Director, I've always remained on the execution side of the software development lifecycle. This has always given me an edge in my part-time assignments in academia.

If you're looking for someone with experience and skills rooted in the technology industry, I look forward to discussing opportunities with you.

Appreciate your consideration!

Regards,

--*Lou*