

Matías Giorgio

TEAM MANAGER · JAVA SOFTWARE ARCHITECT

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Education

University of California, Irvine

California, USA

M.S. IN SOFTWARE ENGINEERING

Sep 2013 - Aug 2015

- GPA: 4.0 / 4.0
- MS Thesis: "Accountability Through Architecture in Decentralized Systems: A Preliminary Approach."

Universidad Maimónides

Buenos Aires, Argentina

BACHELOR IN COMPUTER SCIENCE (INGENIERO EN SISTEMAS DE INFORMACIÓN)

Mar 2004 - Dec 2008

- 5-year professional degree program with Engineering certification

Professional Experience

Medallia

Buenos Aires, Argentina

SR. STAFF SOFTWARE ENGINEER

Apr 2018 - Present

- Tech Lead of the API Platform team. We focus on creating infrastructure, defining methodologies, and developing tooling to enable Medallia produce and expose managed REST APIs that add great value for API clients, were easy to consume, flexible, and have great performance.

Medallia

Buenos Aires, Argentina

STAFF SOFTWARE ENGINEER

Oct 2016 - Apr 2018

- Technical Lead of the API Platform team. The team provided the entire infrastructure and tooling for all the activities related to working with APIs for developers, API consumers, DevOps, and API Business Owners. We were also responsible for defining, socializing, and enforcing the software development lifecycle for the adoption of an API-First strategy for the company.

Independent

Chicago, USA

CONSULTANT

Nov 2015 - Jun 2016

- Worked in pre-sales doing on-site requirements elicitation with business and technical users for an electronic trading monitoring system. Led the development of a successful Proof of Concept. Created a Project Plan for 2016 and 2017 including development scope, resources and roles, and integration with the customer infrastructure.

TradeHelm Inc. (formerly Viridian S.A.)

Buenos Aires, Argentina

TEAM MANAGER

Jul 2011 - Aug 2013

- Led a 6-person team responsible for facing the new versions of a highly distributed Monitoring Suite for the financial industry. As team manager, I coordinated the team's work to meet planned timelines taking into account work product quality, motivation and promoting team work.
- Negotiated scope and schedule with Product Management and coordinated software integration with other company's products.
- Collaborated with other teams and customers in USA, LatAm, Europe, and Asia.

TradeHelm Inc. (formerly Viridian S.A.)

Buenos Aires, Argentina

TECHNICAL LEADER

Jan 2009 - Jul 2011

- Planned, designed, integrated, monitored, and led implementations and deployments on customers of maintenance versions of a highly distributed Monitoring Suite for the financial industry. Managed work products, timelines, and resources.
- Tier 3 support. Training lower tiers.
- Designed and coded critical pieces of the system.
- Product Owner of QATools (set of quality assurance tools) and CrossSuite (Cross-project libraries).

Greenline Financial Technologies

Buenos Aires, Argentina

JAVA DEVELOPER

Jul 2005 - Jan 2009

- Developed software systems in Java. Mentored Jr. and Ssr. developers. Participated in architecture meetings. Built documentation for standards, best practices, and software development process. Participated in the definition of software development standards and best practices. Participated in Scrum meetings.

Freelance Mobile Project

Buenos Aires, Argentina

JAVA DEVELOPER

Jul 2007 - Sep 2007

- Designed, coded, and tested a J2ME application running on a Nokia device for monitoring trucks. The application captured its location using GPS, stored it, and sent it to a Server using GPRS. The tool had the capacity of working offline for one week by storing the information, and catching up as soon as the GPRS connection was reestablished. The application was configurable via SMS.

Exelsum

Buenos Aires, Argentina

PHP DEVELOPER

Dec 2004 - Jul 2005

- Designed and developed CRM and other types of web systems for Red Hat using PostgreSQL and Oracle databases.

Academic Experience

Institute for Software Research (University of California Irvine)

Irvine, USA

VISITOR ASSISTANT SPECIALIST

Dec 2015 - Mar 2016

- Collaborated in the COmputAtional State Transfer (COAST) Research Group writing academic papers and creating technical documentation for developers. COAST is an architectural style for building secure, adaptive, decentralized systems.

University of California, Irvine

Irvine, USA

GRADUATE STUDENT RESEARCHER

Jun 2015 - Aug 2015

- Collaborated in the COmputAtional State Transfer (COAST) Research Group. The focus of my work was capability accounting as a form of architectural accountability in decentralized systems.

University of California, Irvine

Irvine, USA

TEACHING ASSISTANT

Sep 2013 - Jul 2015

- Programming in Java
- Analysis of Programming Languages (Graduate level course)
- Software Design I
- Concepts in Programming Languages II
- Software Design II
- Introduction to Human-Computer Interaction
- Introduction to Software Engineering

Universidad Maimónides

Buenos Aires, Argentina

LECTURER

Mar 2009 - Jul 2015

- Taught Formal Languages and Languages Processing for undergraduate students. Formal Languages is a course where students learn theory and techniques to process languages. It focuses on DFA, NFA, PDA, Turing Machines, formal grammars, and regular expressions. In Languages Processing, students have to apply the acquired knowledge on Formal Languages by making a practical work creating a lexical, syntactic, and semantic analyzer. To that end, I developed Shapes4Learn, a framework to manipulate shapes where students can learn and apply language processing.

Honors & Awards

PROFESSIONAL

2014 **Software Design and Collaboration Lab at UC Irvine**, Software Architecture Design Competition *Global*

ACADEMIC

2013 **UC Irvine**, Fees and tuition waiver with Teaching Assistantship for two years *Irvine, U.S.A*

2013 **BEC.AR**, Argentine Presidential Fellowship to study a Master program for two years in USA *Argentina*

2008 **Universidad Maimonides**, Valedictorian *Argentina*

2004 **Universidad Maimónides**, Undergraduate Merit Scholarship with tuition waiver for five years *Argentina*

Publications

- M. Giorgio, R. N. Taylor. *Accountability Through Architecture for Decentralized Systems: A Preliminary Assessment*. Technical Report UCI-ISR-15-2, Institute for Software Research, University of California Irvine.

Skills

LANGUAGES

English Full professional proficiency

Spanish Native