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ALBERTO.CHIERICI@NYU.EDU

ALBERTO M. CHIERICI

PROFILE

Alberto is an experienced data scientist, product manager, and entrepreneur. He founded different companies and he's currently on a career break pursuing a Ph.D. in Computer Science at NYU Abu Dhabi. He is mental about building extraordinary products, and his strengths are in management, strategy, product and customer validation, machine learning, the design of experiments, data visualization and communication. Alberto is shifting his career into academia in the fields of dialogue systems, natural language processing, and responsible artificial intelligence.

EDUCATION

NYU Tandon School of Engineering, Abu Dhabi/New York — *PhD*

2018 - EXP 2022

Research interests: Dialogue Systems, Natural Language Processing with low resources, Human-Computer Interaction, Responsible AI.

Subjects: Machine Learning (A-), Human-Computer Interaction (A), Design and Analysis of Algorithms I (A) and II (B), Big Data (A), Responsible Data Science (A).

Science Outreach: Created the exhibition [Humans and Machines](#) for educating the public about Artificial Intelligence, and its social and ethical implications.

Università degli Studi di Milano Bicocca, Milan — *MSc Statistics*

2008 - 2011

Università degli Studi di Milano, Milan — *BSc Physics*

2004 - 2008

PROFESSIONAL EXPERIENCE

Spixii, London — *Founder, Product, Sales, Data Science*

JAN 2016 - JUN 2018

Spixii is a boutique agency specialized in automation frameworks, chatbot solutions and customer experience optimization for enterprise insurance clients.

Alberto handled the company set up, product and customer development. By designing experiments and interviewing hundreds of customers, he validated problem-solution fit with the creation of Spixii's first product - a chatbot for enterprise insurance services. Alberto built the Product Team and the Data Science Framework with in-house engineers and outsourced developers. He also helped to build the recruiting and sales processes and sold three enterprise contracts. In just over two years, Spixii built the best chatbot implementation in insurance for Zurich UK Insurance which received the British Claims Award 2018 for the best use of technology.

Deloitte, London — *Senior Consultant*

MAY 2014 - DEC 2015

Alberto worked as a Senior Data Scientist at "HexScore", Deloitte Consulting Incubator's FinTech flagship project. Alberto's selected technology requirements, built machine learning pipelines,

supported sales pitches, managed pilots with clients, leading the development of the technical solution and product design. The core product developed is a big data platform that, combined with machine learning models, has many use cases in the financial services industry.

Various Insurance Companies (Chubb, Beazley, Munich Re), London — *Actuary*

JUL 2010 - APR 2014

Alberto's earlier career started in actuarial science. He holds a Diploma in Actuarial Techniques from the Faculty and Institute of Actuaries, developed statistical models for pricing, capital modeling, reserving and data visualizations for management information reports.

Munich Re of Africa, Johannesburg — *Internship*

JUL 2008 - SEP 2008

SKILLS

Technical

End-to-end Machine Learning data-products, data visualization, responsible data science (removing bias from data and algorithms, differential privacy, local explainability of ML models). Stack used throughout his roles(*beginner - *****expert):

R ****	HTML **	Spark ***
Python ****	Shiny ***	MySQL **
TensorFlow ***	Dash **	MongoDB *
Flask ***	Tableau ****	C++ *
CSS **	H2O ****	Java *

Entrepreneurship and management

Alberto spent his past five years in entrepreneurship, corporate innovation, operations, and product management. He led product teams using agile methodologies, acting as scrum master and supervising sprints. He managed virtual teams in different time zones as well as client projects nationally and abroad. Alberto mentors other entrepreneurs in the USA, Italy, UK, and UAE.

Design

Alberto is obsessed with beauty and user experience. He always had an artistic spark and he self-thought the design methodology, graphic design principles, sketching. Alberto implements the lean methodology to validate people's problems, rapidly prototyping before crafting any technological implementation.

Management Consulting

As Senior Consultant, Alberto managed the quality assurance review of deliverables in very tight timelines. He also led small teams of junior resources in different projects and upward-managed Senior Managers and Partners.

INTERESTS & OTHER ACTIVITIES

Self-teaching graphic design and psychology. Passionate about hackathons, Kaggle competitions, cooking, reviewing restaurants, cinema, reading, religions and philosophy, charity volunteering, classical music, functional training.