



# Bernardo Di Chiara

## Data Analyst

dichiarabernardo@gmail.com

Passionate about Statistics and Data Analysis. Strong logical and analytical skills, 20 years' experience in dealing with customer requirements. Critical thinker with attention to details. Excellent documentation skills.

### Professional Skills

- Data Analysis Techniques (Data Cleansing, Data Preparation, Data Visualization), Machine Learning
- Statistics (Exploratory Data Analysis, Inferential Data Analysis, Regression Models)
- Databases: SQL, Hadoop, MapReduce, Spark
- Requirement Management
- Product/Feature/System Specifications
- Acceptance Test Cases Definition
- Best Practices' Development
- Agile approach
- Leading Functional Teams
- Coaching People
- Product Management
- Handling Customer Cases
- Consulting

### Professional Achievements

- Being used several times as a model when developing internal practices related to requirement analysis
- Being acknowledged several times by colleagues for having added quality to internal and external product documentation
- Having received very good feedback (5,6/6) from the attendants to competence transfer sessions
- Having affected the decision of major customers to buy our solution
- Being ranked as Exceptional in the Yearly Performance Evaluation several times
- Receiving Achievement Award from the Product Line for the outstanding job

### Personal Skills

- Self-steering
- Critical Thinking
- Precise
- Passion-driven
- Balanced

### Language Skills

- Italian (native language)
- English (fluently)
- Finnish (good knowledge)

### Computer Skills

- Operating Systems: Windows 10 and previous versions, Android
- Applications: common Office Applications (Word, PowerPoint, Excel, Outlook, browsers), Data Analysis SW (RStudio, Jupyter Notebook, Power BI, KNIME, RapidMiner), CADs (MS Visio), concurrent SW project tools (GitHub, Wiki, A360)
- Programming languages: R, Python (including Pandas library), SQL, HTML, (CSS, JavaScript, C++)

### References



*"Bernardo is a hard-working and task-oriented self-starter. He has a track record of delivering results in time and with high quality"* Antti Pikkusaari, Strategy Consultant & CEO at Aedon Oy



*"It was a pleasure to work with Bernardo as he took full responsibility to deliver high quality results all done through a keen focus on the customer and an ability to engage other team members in achieving results."* Kevin Rowland, Business Development Manager, Nokia



*"A combination of customer understanding, technical expertise and co-operation skills makes Bernardo very valuable and pleasant to work with"* Tuija Hurtt, Product Manager at Nokia



*"He's a great team player"* Timo Leppäkorpi, Manager



*"He is able to understand and analyze wide and complex topics"* Seppo Huotari, Manager at Nokia

## Work History

### Current Activities

#### **Studying to Improve my Data Analytics Skills** [\(see my portfolio\)](#)

- Data Cleansing, Data Preparation, Data Visualization
- Programming in R and Python, Supervised and Unsupervised Machine Learning
- Statistics: Exploratory & Inferential Data Analysis, Regression Models
- Databases: SQL, Hadoop, MapReduce, Spark
- Tools: RStudio, Jupyter Notebook, Spyder, Power BI, GitHub, KNIME, RapidMiner
- User Experience Research Methods

Jan 2010 - Dec 2016

#### **Senior System Architect**

**Nokia**

- Leading functional teams and being responsible of creating and maintaining several feasibility studies and requirement specifications by using Agile approach
- Defining acceptance test scenarios together with test engineers
- Maintaining Statements of Compliance for several features and interfaces
- Supervising Master Thesis works (coaching)

May 2009 - Dec 2009

#### **Sabbatical**

- Used for self-development (sailing, studying psychology)

Apr 2007 - Apr 2009

#### **Product Planning Manager**

**Nokia Siemens Networks**

- Defining the content of a new product by coordinating the work of a group of people and by actively participating in the specification
- Defining best practices and customizing a new requirement handling tool
- Facilitating the maintenance of the Road Map of different products
- Handling customer cases

Mar 2004 - Mar 2007

#### **Senior Solution Manager**

**Nokia Networks**

- Providing consulting work and designing customized solutions with major global customers by specifying new features and integrating with third party products
- Running internal competence transfer sessions to Marketing and to Engineers
- Creating and maintaining communication material

Mar 2003 - Feb 2004

#### **Network Architect**

**Nokia Networks**

- Being responsible for the specification of key functionality in system releases composed of several products (defining and documenting the requirements)

May 2001- Feb 2003

#### **System Product Manager**

**Nokia Networks**

- Collecting requirements from customers and giving input to Development regarding several end-to-end functionalities
- Creating and maintaining contacts with other Business Units in order to coordinate release contents and schedules and in order to support marketing activities

Apr 2000 - Apr 2001

#### **Product Manager**

**Nokia Networks**

- Collecting requirements from customers and giving input to Development
- Creating communication slide sets for internal and external purposes
- Contributing to the creation of marketing material (including Road Maps, Product Descriptions and Feature Descriptions)

Nov 1997 - Mar 2000

#### **Senior System Engineer**

**Nokia Networks**

- Being responsible of several front end and back end requirement specification projects (requirement specifications, feasibility studies, implementation specific.)
- Participating in Standardization as a Nokia Main Delegate in 3GPP forum

## Education

- **Master of Science in Electric Engineering** (110/110 with honor), Palermo's University, Italy
- General Certificate of Education from **High School specializing in scientific studies**, School Don Bosco Villa Ranchibile, Palermo, Italy
- **Data Analytics Courses** (over 800 hours of study, [see more in my personalized study plan](#)). An excerpt below:

Topic	Course	Grade	By	Completion Date
Statistics	Inferential Statistics (in R)	100%	Duke University on Coursera	<i>Nov 28<sup>th</sup> 2017</i>
	Linear Regression and Modeling (in R)	100%		<i>Mar 14<sup>th</sup> 2018</i>
R	Introduction to Probability and Data (exploratory data analysis) (in R)	98,7%	Johns Hopkins University on Coursera	<i>Oct 17<sup>th</sup> 2017</i>
	R Programming	100%		<i>Jan 16<sup>th</sup> 2018</i>
	Practical Machine Learning (in R)	100%		<i>Apr 13<sup>th</sup> 2018</i>
	Getting and Cleaning Data (in R)	100%		<i>Feb 19<sup>th</sup> 2018</i>
Python	Applied Plotting, Charting and Data Representation in Python		University of Michigan on Coursera	<i>ONGOING</i>
	Introduction to Data Science in Python (data cleansing and manipulation)	100%		<i>Oct 9<sup>th</sup> 2018</i>
	Python Data Structures	100%		<i>Sep 11<sup>th</sup> 2018</i>
	Getting Started with Python	100%		<i>Sep 5<sup>th</sup> 2018</i>
Databases	SQL for Data Science	100%	University of California Davis on Coursera	<i>May 19<sup>th</sup> 2018</i>
	Hadoop Platform and Application Framework	100%	Univ. of California, San Diego on Coursera	<i>Jun 29<sup>th</sup> 2018</i>

- **Self-Management, Leadership and Selling Courses**
  - Boosting Your Leadership Skills (grade: A-) (by Aalto University, *Oct 8<sup>th</sup> 2016*)
  - Entrepreneurship training (by Nestholma, *Jun 21<sup>st</sup> 2016*)
  - Focused Mind (Web based course, *2012*)
  - Creative Thinking (Web based course, *2003*)
  - Presentation Skills (by Delta Training)
  - Cross Cultural Awareness (by Richard Lewis Communications)
  - Funnel - Effective Sales Negotiation (by Jorma Kylander Oy)
- Training Path towards **Sailing** Instructor Qualification with the Royal Yachting Association (*2007 – 2013*)
- Quite few technical courses in the **telecom** / datacom field (*1997 - 2016*)

## Other Interests

- Sailing
  - Forming and managing crews as a skipper is an excellent way to maintain team building and leadership skills. Running the boat allows nurturing goal setting and planning skills
- Boat maintenance and reparation work
  - An efficient way to improve problem solving capabilities
- Psychology (a lot of self-reading, including Freud, Goleman, Atkinson & Hilgard's, ...)
- Playing keyboards and ukulele
  - An excellent exercise for both the hemispheres of the brain
- Swimming
  - Healthy mind in a healthy body

## Where to Find More



<https://fi.linkedin.com/in/bernardodichiara>



<https://github.com/BerniHacker/CV/blob/master/README.md>