



# Bernardo Di Chiara

## Data Analyst

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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

- 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
- **Courses**
  - **Data Analytics** (about 800 hours of study)
    - Data Science Math Skills (grade: 97,9%) (by Duke University on Coursera, *Sep 14<sup>th</sup> 2017*)
    - Introduction to Probability and Data (grade: 98,7%) (by Duke University on Coursera, *Oct 17<sup>th</sup> 2017*)
    - Inferential Statistics (grade: 100%) (by Duke University on Coursera, *Nov 28<sup>th</sup> 2017*)
    - Linear Regression and Modeling (grade: 100%) (by Duke University on Coursera, *Mar 14<sup>th</sup> 2018*)
    - The Data Scientist's Toolbox (grade: 100%) (by Johns Hopkins University on Coursera, *Dec 9<sup>th</sup> 2017*)
    - R Programming (grade: 100%) (by Johns Hopkins University on Coursera, *Jan 16<sup>th</sup> 2018*)
    - Getting and Cleaning Data (grade: 100%) (by Johns Hopkins University on Coursera, *Feb 19<sup>th</sup> 2018*)
    - Practical Machine Learning (grade: 100%) (by Johns Hopkins University on Coursera, *Apr 13<sup>th</sup> 2018*)
    - Getting Started with Python (grade: 100%) (by University of Michigan on Coursera, *Sep 5<sup>th</sup> 2018*)
    - Python Data Structures (grade: 100%) (by University of Michigan on Coursera, *Sep 11<sup>th</sup> 2018*)
    - Introduction to Data Science in Python (by University of Michigan on Coursera, *Oct 9<sup>th</sup> 2018*)
    - SQL for Data Science (grade: 100%) (by University of California Davis on Coursera, *May 19<sup>th</sup> 2018*)
    - Coursera Mentor Community, for the SQL course (grade: 100%) (by Coursera, *Aug 13<sup>th</sup> 2018*)
    - Hadoop Platform and Application Framework (100) (University of California, San Diego, *Jun 29<sup>th</sup> 2018*)
    - Big Data (by TalentGate/Haaga-Helia University of Applied Sciences, *May 23<sup>rd</sup> 2018*)
  - **Self-Management**, Leadership and Selling
    - 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, ...)
  - Increases self-awareness and improves communication skills
- Playing keyboards and ukulele
  - An excellent exercise for both the hemispheres of the brain
- Swimming
  - Healthy mind in a healthy body
- Trekking, Gardening
  - Enjoying nature and spending time outside

## Where to Find More



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



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