Alessandro Cosentino

Data Engineer

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cosenal.github.io

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Education

- **University of Waterloo**   Waterloo, Canada
  Ph.D. Computer Science   *2010 - 2015*
  - Recipient of a David R. Cheriton Graduate Scholarship
  - Fellow of the Institute for Quantum Computing
  - Teaching Assistant for graduate and undergraduate courses

- **University of Pisa**   Pisa, Italy
  M. Math and B.Math Computer Science   *2003 - 2009*
  - Final score: 110/110 *cum laude* in both the degrees
  - Erasmus scholar at Aarhus University for nine months

Research and Work Experience

- **Yieldify**   London, UK
  Data Engineer   *January 2017 - current*
  - Worked on building ETL and API framework for A/B testing of marketing campaigns.
  - Led project to bring client configuration data in the same data warehouse as user event data (Pipeline built on AWS with an event-driven serverless architecture).

- **Bending Spoons**   Milan, Italy
  Data Engineer   *January 2016 - December 2016*
  - Built, deployed in production (on Google Cloud Platform), and monitored ETLs that fetch and process terabytes of data each day for App Store Optimization.
  - Developed a tool for analyzing financial data of the Apple iOS app store.

- **Université Paris Diderot**   Paris, France
  Research Intern at LIAFA under Prof. Magniez   *February 2013 - April 2013*
  - Visiting researcher at LIAFA, working on quantum algorithms and computational complexity.

- **ownCloud**   remote
  Google Summer of Code student developer   *Summer 2012*
  - Created the ownCloud feed reader News app (in the top 5 highest rated apps on the ownCloud App store for two years.)

Skills

- **Programming Languages**: *Main*: Python (5+ years exp.); *Familiar with*: Javascript/Typescript; *Prior experience*: C++, Go, OCaml, Java

- **Data Engineering**: Apache Airflow, Apache Spark, AWS Lambda, Amazon SNS/SQS, Redis

- **Data Warehousing**: Google BigQuery, Amazon Redshift, AWS DynamoDB, PostgreSQL

- **Data Reporting/Visualization:** Grafana, Looker, Redash