

## 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 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