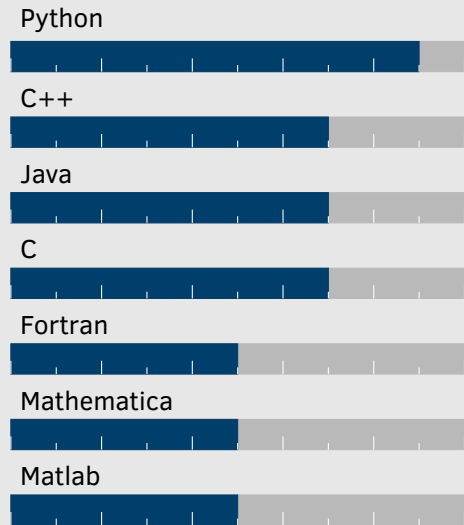# Tito Rodda
Quantitative Analyst

ℹ 23 October

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About me —

Curious person and tech enthusiast who likes to put hands onto things, focused on delivering value to the business with relentless efforts to improve process. Methodical approach to work, careful listener both in the workplace and the private spheres.

Skill —

Python

C++

Java

C

Fortran

Mathematica

Matlab

Languages —

- Italian: Native tongue
- English: Professional working proficiency, TOEFL B2
- French: Basic

interests

Quantitative approaches to Finance, in particular calibration of IR Market Models and Interest rate derivatives pricing; Deep Learning with a focus on Generative Models; Distributed systems with event-driven architectures; Sailing.

education

2022-pr.	MSC IN DATA SCIENCE AND SCIENTIFIC COMPUTING	
	UNIVERSITÀ DEGLI STUDI DI TRIESTE	Trieste, Italy

2013-2021	BSC IN PHYSICS	
	UNIVERSITÀ DEGLI STUDI DI TRIESTE	Trieste, Italy

- *Thesis title:*
  "Pix2Pix - Deep Learning for Heat Transfer Problems"
- *Relevant courses:*
  Quantitative Methods for Finance, Mathematical Methods for Physics, Neural Networks, Quantum Mechanics, Statistical Physics.

experience

2023-pt	JR. QUANTITATIVE ANALYST	
	MODEFINANCE	Trieste, Italy

- Models

2022	DATA SCIENTIST	
	INFLEAD	Trieste, Italy

- Market Reports
- Performance and costs optimization in data ingestion
- DB structure optimization
- ML and Deep Learning model developement from structured and unstructured data

2020	FULL STACK DEVELOPER	
	AINDO	Trieste, Italy

- Develop a web application (from zero to deploy) integrating Machine Learning algorithms for molecular properties prediction.
- Design database Models, Django APIs for database access and Views.
- Design and develop the UI using React, Material UI (TypeScript, HTML, CSS)

2020	JAVA MICROSERVICIES ACADEMY	
	MODIS	Milan, Italy

- Java Microservices software developement design patterns and database tools.
- *Keywords*:
  Java, Relational Databases (SQL/Oracle), Database PL/SQL, JDBC-Pattern Hibernate and JPA, Web Applications, Spring, Versioning Systems (GIT), JavaScript, Typescript and Angular2 framework.

2019	INTERNSHIP	
	BTU COTTBUS/SEFTENBERG	Cottbus, Germany

- Independent run of laboratory experiments in fluid-mechanics,
- Data acquisition and processing with advanced optical techniques
- Final report and oral presentation to the research group and faculty members