CURRICULUM VITAE
FEDERICO CHINELLO

Contact Information
Bocconi email address: federico.chinello@studbocconi.it

Education

2023-current	Student, MSc in Artificial Intelligence, Bocconi University.
	Current GPA: 29.5/30
2020-2022	Student, MSc in Finance, Bocconi University.
	Final grade: 110/110 cum laude. Thesis supervisor: Prof. Barbara Rindi.
2017-2020	Student, BSc in Economics and Finance (CLEF), Bocconi University.
	GPA: 29.5/30. Final grade: 110/110 cum laude. Thesis supervisor: Prof. Barbara Rindi.
2012-2017	Student, Liceo Classico (classical studies), Liceo Galileo Galilei, Legnano.
	Final grade: 99/100.

Awards and Scholarships

2022	Pre-Doctoral Fellowship, Algorand Fintech Lab, Bocconi University.
2017	Merit-based scholarship, Fondazione Famiglia Legnanese.

Work Experience

2022-2023	Pre-Doctoral Fellow, Algorand Fintech Lab, Bocconi University.
	In the context of blockchain platforms, I studied - theoretically and empirically - the impact of consensus algorithm design on value extraction by miners/validators and the effects of such value extraction on consensus stability. I reviewed smart contract code and performed quantitative analysis on blockchain big data.
2021	Research Assistant (third internship), IGIER, Bocconi University.
	Supervisor: Prof. Barbara Rindi
	Throughout three internships, I developed highly efficient pipelines for processing tens of terabytes of stock trading data. These experiences honed my expertise in programming and quantitative analysis methods and deepened my understanding of market microstructure theory.
2020	Research Assistant (second internship), IGIER, Bocconi University.
	Supervisor: Prof. Barbara Rindi
2020	Research Assistant (first internship), IGIER, Bocconi University.
	Supervisor: Prof. Barbara Rindi

Languages
English (fluent), Italian (fluent), Spanish (intermediate)

Computer Skills
Programming languages: Python (proficient), C/C++ (proficient), MATLAB (intermediate), Solidity (intermediate), GNU MathProg (basic)
Other: SQL (proficient), LaTeX (proficient), Git (proficient), GLPK (basic)

Software Development Projects

easySAT   https://github.com/chinefed/easySAT.git
               Experimental SAT solver written in C language. The program uses bitmaps to represent the search state, and bitwise operations are at the backbone of the algorithm implementation.

Extra Curricular Activities

2022-current   Volunteer (Board member in 2023), Politics Hub APS, Legnano.

Other Skills and Interests

Sport activities: gym
Hobbies: vintage technology, design, art