Ponza Matteo

01/09/1997 — Valdagno (VI), Italy, 36078
matteoponza@gmail.com — linkedin — github.com/PonzaMatteo

Professional Summary

Practitioner of Extreme Programming methodologies including TDD, iterative and incremental design and development, pair programming, collective ownership, and simple design. Committed to technical excellence that enables business agility.

A quote that I particularly like: *"Software design is an exercise in human relationships"* - Kent Beck.

Professional Experience

StashAway - Staff Software Engineer (Part-Time) *Italy — Jan. 2025 - Present*
Software Engineer (Part-Time) *Italy — Sep. 2023 - Jan. 2025*
Software Engineer (Full-Time) *Singapore — Sep. 2019 - Sep. 2023*

- Design, develop and maintain mission-critical trading platform in a fault-tolerant and distributed system.
- Drive technical excellence and team growth through mentoring engineers, conducting code reviews, and leading strategic refactoring initiatives that improved system agility and reduced operational costs.
- Developed automations for supporting trading and anti-money laundering (AML) workflows.
- Executed large scale system migration and legacy system modernization projects.

Trento University - Software Developer Internship *Italy — Apr. 2018 - Sep. 2018*

- Extended R package for circular statistics (circular).
- Implemented computational routines in R and C for statistical hypothesis testing, contributing to the CircStats package on R-Forge.

GoSwift - Web Developer Intern *Estonia — Jun. 2016*

- Internship experience using Spring Framework and Angular JS.

Education

Master's Degree in Software Engineering *Jul. 2023 - Oct. 2025*
Free University of Bozen-Bolzano. Final Grade: 110 cum laude/110.
Thesis: *An Evaluation of Vector Database Systems for RAG Application.*

Bachelor's Degree in Computer Science *2016 - Jul. 2019*
University of Trento. Final Grade: 110 cum laude/110.

Technical Skills

- **Programming Languages:** Kotlin, Go.
- **Technologies & Tools:** Kafka, PostgreSQL, Temporal, GIT.