



FABRIZIO BALDINI

Software Engineer

March 2022

EXPERIENCE

Jan. 2021 - ongoing List S.p.a.
Software Engineer
Team FastTrade eXchange

EDUCATION

2011 Maturità Scientifica PNI (100/100)
Liceo Scientifico Enrico Fermi, Massa MS

2016 Bachelor's in Computer Science (110/110)
Università di Pisa, Pisa PI
Thesis: Artificial Intelligence for Connect Four
(classical approach via parallel minimax algorithm)
Supervisor: Prof. Francesco Romani

2020 Master's in Computer Science (abbandono)
Università di Pisa, Pisa PI

SKILLS

Languages

Italian (native), English (certified C2), French (A2), German (A1), Japanese(N4).

Linguaggi di programmazione

Padronanza: C, C++, Java, Bash, Lua, Python.
Familiarità: Rust, JavaScript, Pascal, FORTH, OCaml.

Tools

Docker, Git, GDB, Clion, Vim, Visual Studio, Visual Studio Code, Subversion, GNU Make, suite LLVM, Qt Creator, Eclipse.

Framework and libraries

libc, C++ STL, Cucumber+Gherkin, QuickFIX, libcurl, libmpv, yajl, Torch, Qt5.

Database e DBMS

Solida conoscenza di Oracle DBMS, SQL, PL/SQL. Relational theory, XPath, XQuery. MyBatis. Some familiarity with SQLite.

Web technologies

HTML, CSS, MQTT, Lightstreamer, AMQP, nginx. XML, JSON, API RESTful.

Methodologies

Agile Development, SCRUM, Test-Driven Development, Community of Practice.

Miscellaneous

In-depth knowledge of Linux environments, firm understanding of machine learning, information retrieval, programming language theory, algorithms and optimization.

Birthdate
February 5th 1992

Location
Massa, MS, Italy

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GitHub
@Aanok

BitBucket
Aanok

LinkedIn
[link]

Interests
Computing and technology, foreign languages, literature, art, cooking. Volunteer work and blood drives.

I'm used to learning and figuring out things on my own. I'm available for work trips and remote working.

SOMETHING ABOUT ME

I've always had interest and curiosity towards a wide range of topics in science, technology and the humanities too. When I was little I learned to read precociously around a keyboard (in an MS-DOS environment) and my high school thesis consisted of putting together and showcasing a small magnetic coilgun (a Gauss cannon).

My first choice when I signed up for university was the Department of Physics in Pisa. I attended the course for a year before switching to Computer Science, where I found topics and challenges that fit me better. The experience however left me with an excellent mindset in terms of abstract reasoning and formal rigour.

I'm currently enrolled to Pisa's Master's Degree in Computer Science but I'm looking for full-time employment. I'd like to broaden my knowledge with more applied and tangible skills than uni courses offer, improving my qualifications as a professional.

I bring to the workplace the skills and attitude of somebody capable of problem solving, used to figuring out on their own the most effective ways to carry out a certain task even if never seen before. This is a kind of approach which has led me to accumulate eclectic but nevertheless substantial knowledge in a number of topics, as well as developing dynamism and versatility.

My work experience in List (now part of the multinational Ion Group) has been fully in line with this. The company works in the financial markets field, a functional domain extremely complex and varied. My team was specifically tasked with developing, deploying and maintaining vertical solutions for the implementation of stock exchanges for Italian and international customers.

I've had experience with work organization following the Agile and Scrum methodologies, with daily stand-up meetings for coordination of the team. To-dos were outlined according to the customer's priorities and laid out in bi-weekly sprints tracked on a kanban board.

I've had an important role managing the internal system-test suite we employed extensively in software development cycles, built ad-hoc over proprietary libraries and the Cucumber framework with Gherkin syntax. Being a cross-team solution to be used by the entire company, we covered the project management role for this solution as a small group of developers and QA's organized in a Community of Practice.

Also to the purpose of guaranteeing reliability and ease during testing, I've covered the tasks of containerizing our stock exchange solution with Docker.