

Filippo Frater


Software Engineer




Last update: July 9, 2024
<https://philbroz.github.io/cv>

Up-to-date version of CV is available at
<https://philbroz.github.io/cv>

Passionate about IT since childhood, I am distinguished by my passion, precision, and curiosity. Specialized in .NET development, I also use Angular and ReactNative. I believe that teamwork is fundamental in large-scale software development. I follow various tech communities and divulgators with interest, including XeDotNet, 1nn0va, and GitBar, from which I always gain valuable insights and ideas. Continuous learning and a healthy work-life balance are essential to me. Hobbies: sports, books, movies, TV series, travel, and retrogaming.

Professional Experience

 since april 2024




 Custom S.p.A
 Mira, Italy
 Hybrid

Software Development Specialist

As in Bizeta, I have been part of the development team for [OneStore](#), which is part of the Software Business Unit of Custom S.p.a. OneStore is a point of sale solution for the retail fashion and luxury sector. I mainly work on the backend using .NET Core, but also handle frontend development with AngularJS, Angular, and React Nati Other technologies used: SQL Server, Azure SQL Server, MySQLite, Azure Dev For version control and branch workflow: Git with Azure DevOps, GitKraken (Git GUI), using release branch workflow with pull request policies

[.NET Core](#) [AzureSQL](#) [SQLServer](#) [MySQLite](#) [Angular](#) [AngularJS](#) [ReactNative](#) [Azure DevOps](#) [CI/CD](#) [Git](#)

 april 2021 - april 2024 · 3 years

 Bizeta Retail Solutions srl | a Custom company
 Mestre and Mira, Italy
 Hybrid

Software Development Specialist

I was part of the development team for [OneStore](#), which is part of the Software Business Unit of Custom S.p.a. OneStore is a point of sale solution for the retail fashion and luxury sector. I mainly worked on the backend using .NET Core, but also handled frontend development with AngularJS, Angular, and React Nati Other technologies used: SQL Server, Azure SQL Server, MySQLite, Azure Dev For version control and branch workflow: Git with Azure DevOps, GitKraken (Git GUI), using release branch workflow with pull request policies

[.NET Core](#) [AzureSQL](#) [SQLServer](#) [MySQLite](#) [Angular](#) [AngularJS](#) [ReactNative](#) [Azure DevOps](#) [CI/CD](#) [Git](#)

Software Developer

Development in the industrial sector at Pernix for project-specific software.

During this period, in addition to development, I also took on the following responsibilities:

- Technical and functional analysis, assisting the project manager
- Technical support for sales (pre-sales)
- Technical support for clients
- Support for internal company processes


Implementation and integration of SugarCRM for the company's sales force, administration, and order management.

The service was cloud-based, but we developed a platform in .NET to streamline business processes and synchronize data between various systems (ERP, WMS, CRM).

Support for sales and clients in the following areas and technologies:

- RFID
- Industrial terminal hardware (Windows CE and Android)
- EMM platform (SOTI MobiControl)
- Zebra Voice Picking

[.NET Framework up to 4.7](#) [Mono](#) [C programming language](#) [SQLServer](#) [RFID](#) [barcode scanning](#) [MVVM pattern](#) [REST APIs](#)
[Xamarin for Cross-Platform development \(Windows and Android\)](#) [MQTT](#)

 august 2014 - january 2015 · 6 months

 Pernix Srl | XHolding Group
 Quarto d'Altino, Venice Italy
 In-person

Software Developer | internship


Six-month internship where I supported the development team on client projects, developing applications for industrial terminals and RFID projects. I also assisted the person responsible for the internal infrastructure with IT help desk support for colleagues.




I attended Zebra courses and obtained certifications related to barcode technologies, RFID, and print management.

Technologies used: The development was primarily in C# (Windows Forms .NET 3.5, .NET 4.5), alternating with C for more specific needs on certain RFID hardware. SQL Server database.

The main manufacturers and partners I collaborated with were: Zebra Technologies, CAEN RFID, SOTI, and Teklynx.

[.NET Framework](#) [C programming language](#) [SQLServer](#) [RFID](#) [barcode scanning](#)

 february 2014 - june 2014 · 3 months

 Gascom S.p.A.
 Padua, Italy
 In-person

Software Developer | internship

My First Experience with C#




Three-month internship where I developed Windows Forms applications and Windows services in C# (using Microsoft Visual Studio 2010 and SQL Server 2008 R2 database). These applications were for internal company use. During this period, I also studied and interfaced with PLCs as part of a new project.

I worked in a team of four people with a team leader coordinating our efforts.

[.NET Framework](#) [SQLServer](#)

Education

 september 2009 - november 2013 · 4 years

 Università Ca' Foscari Venezia
 Treviso, Italy
 In-person

Bachelor's degree in Statistics and Computer Sciences for Business Management (L-41 - Statistics)




My academic journey focused on three main areas: statistics, economics, and computer science. I delved into statistics, starting from its fundamentals and progressing to statistical inference. In the field of economics, I completed courses in macroeconomics, microeconomics, business economics, and business management. As for computer science, I acquired skills in programming, database management, and web development.

Particularly engaging were the courses in survey sampling, statistical models (including the study of neural networks), business economics, methodological statistics (with a focus on cluster analysis), and philosophy of science. These subjects significantly enriched my education, providing me with a broad and interdisciplinary perspective.

My studies culminated in a thesis titled 'Lifestyles and Social Inequalities in Veneto: Analysis of PASSI Data' ('Gli stili di vita e le disuguaglianze sociali in Veneto. Analisi di dati PASSI'). This research focused on analyzing health data and social inequalities in the Veneto region using the PASSI surveillance program. The thesis, written in Italian, explored the interconnections between lifestyle factors and social disparities, demonstrating the practical application of statistical analysis to real-world public health issues. Key aspects of the study included data analysis, system evaluation, and health assessment within the context of the Veneto region. This work is available for consultation through Open Access, reflecting my commitment to transparency and knowledge sharing in academic research.

[statistics](#) [computer sciences](#) [business management](#)

 september 2004 - july 2009 · 4 years

 ITIS V.Volterra
 San Donà di Piave (Venice), Italy
 In-person

High School Diploma in Computer Science (Computer Expert, Abacus Project)

Specialized subjects studied: mathematics, computer science, statistics, electronics.

[statistics](#) [computer sciences](#) [mathematics](#) [electronics](#)

Additional Experience

Individual Tutoring

During my university studies, I provided tutoring in mathematics, physics, electronics, and computer science to middle and high school students.

[tutoring](#)

Volunteering

From the ages of 14 to 21, I volunteered at the local parish center, primarily engaging in activities for children aged 6 to 13 during summer camps, as well as participating in various roles during the village festival. From June 2010 to June 2011, I took part as a coach in the "Gioco Calcio" project, aimed at introducing children aged 5 to 10 to football. This initiative was promoted and organized by the football association where I played, ACD Fossalta Piave.

[volunteering](#)