Jacopo Schiavon, Ph.D.

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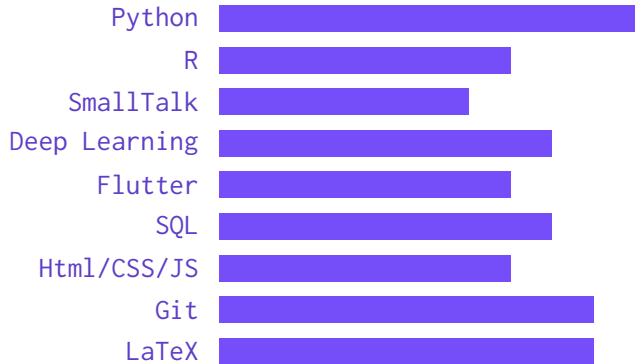in jacopo-schiavon 🌐 http://jschiavon.github.io/

About me

I am a versatile data scientist and software developer, holding an MSc in Physics and a PhD in Statistics. With a background in both academia and industry, I have contributed my expertise as a data science consultant and developed Android and web applications as a freelancer. My approach to problem-solving is driven by curiosity, creativity, and strong analytical skills. As a dedicated team player, I am passionate about leveraging science and technology to make meaningful contributions.

Professional experiences

2024 – PRESENT 🔖 **Software engineer | Lifeware (Zürich, CH)**
Developing software solutions for life insurance clients
Working with the Smalltalk language to implement solutions for life insurance clients, ranging from ticket handling to automation of bank transfer.

2022 – 2023 🔖 **Freelance App Developer | Remotely**
Cross-Platform Application Development
Leveraged the versatile Flutter framework to architect and craft mobile and web applications, with end-to-end development to better accomodate the client requirements. To power the back-end, I wrote a complete REST API using Flask, integrating with the SQL Server database of the client. I used docker to manage the deployment.

2017 – 2018 🔖 **Data Science Consultant | BIP (Milan, IT)**
Marketing Analytics and Cross-Industry Projects
I worked as a data science consultant for a prominent online retailer, working closely with their branding and marketing team to optimize the resource allocation and marketing campaign planning. I wrote an attribution model to analyse the impact of the different branding campaigns, allowing the team to improve their resource allocation. Thanks to my efficiency on this project, I managed to dedicate time to collaboration with other teams of colleagues on diverse projects. These ranged from Natural Language Processing for IT ticket dispatch to geospatial route prediction.

Education

2018 – 2022 🎓 **PhD. Statistics**, University of Padua
Thesis title: *Differential Geometry of symmetric and positive definite matrices for statistical applications*.

2015 – 2017 🎓 **MSc. Physics**, University of Padua
Thesis title: *Detection of causality in complex systems*.

Education (continued)

2011 – 2014   🎓 **BSc. Physics**, University of Padua

Specialistic schools and courses

Jun 2020   🎓 **Statistical consulting**, University of Padua
Deliverables and presentations for statisticians and machine learning practitioners.

Oct 2019   🎓 **School on Efficient Scientific Computing**, INFN and CERN (Bertinoro)
Efficiency and performance in modern computing (modern C++, GPU, clusters).

Sep 2019   🎓 **Probabilistic Machine Learning**, prof. Dunson at Bocconi University
Machine learning under probabilistic models (Bayesian decision theory, …).

Certifications

Jun 2021   🎓 **TensorFlow Developer**, DeepLearning.AI (Coursera)
Certificate ID: BY2NPJRQ4ZDG

Aug 2021   🎓 **Deep Learning**, DeepLearning.AI (Coursera)
Certificate ID: E4P5LCPJJNY9

Oct 2023   🎓 **Natural Language Processing**, DeepLearning.AI (Coursera)
Certificate ID: 5EBQR6B3ZM47

Skills

Coding	Python, R, SmallTalk, C++, Flutter
Web	html, css, JavaScript, Flask
DataBase	MySQL, SQLite, MSSQL
Office	MS Office, OpenOffice, LaTeX
Dev. env.	Git, GitHub, Google Cloud Platform
Soft	Presentation, consulting, teamwork

Languages

Italian	Native
English	Fluent
French	Proficient