

Olivier Blanvillain

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EDUCATION	<p>2022: PhD in Computer Science at EPFL</p> <p>2015: EPFL Master's degree in Computer Science</p> <p>2012: EPFL Bachelor's degree in Computer Science</p>
EXPERIENCE	<p>2023–now: Software Engineer at Hudson River Trading (London)</p> <ul style="list-style-type: none">• Use C++ and Python to implement platforms and tools for algorithmic trading• Develop scalable data storage and distribution systems for statistical analysis <p>2016–2022: Doctoral Assistant at EPFL under Martin Odersky's supervision. (Lausanne, 6 years)</p> <ul style="list-style-type: none">• Active member of the Scala 3 compiler team• Co-designed, implemented and formalized match types• Published in an A* conference (POPL'18 and '22) <p>2015–2016: Software Engineer at MFG Labs (Paris, 15 months)</p> <ul style="list-style-type: none">• Used Scala, PostgreSQL, Spark, Elasticsearch, AWS <p>2013: Software Engineer Intern at CERN (Geneva, 6 months)</p> <ul style="list-style-type: none">• Implemented a blog crawler for scientific blogs• Published a paper on the design (WIMS'14)
PERSONAL	<p>Dual Swiss/French citizenship</p> <p>Languages: French, English (fluent), Spanish (B2)</p> <p>Hobbies: music, board games, cycling</p>