

Christian Vuerich

WORK EXPERIENCE

SEPTEMBER 2018 – PRESENT

Bloomberg LP, London (UK) and Lugano (CH)

Software Engineer

Completed Bloomberg's training program, covering C++, Python, Typescript, Agile, Scrum, Testing, Finance and other topics. Part of a derivative pricing team in London for a year. Worked mainly, on full stack projects, consisting of C++ back-end and TypeScript front-end, leveraging proprietary database solutions. Collaborated closely with project owners and financial engineer to quickly build and deliver to clients custom solutions. Developed client facing interface and back-end to allow firms to edit portfolio and account privileges for its employees. Moved to Lugano, in the portfolio analytic team, where we build a transparency tool, to allow clients to gather insights in their financial instruments. Built using Python, C++, Java, Kubernetes, Apache Spark and Typescript. Worked and collaborated closely with teams across London, Lugano and New York.

SEPTEMBER 2014 – DECEMBER 2014

Newscron SA, Lugano (CH)

Software Developer (Curricular)

Developing Twitter, Feedly and Pocket integration for a news aggregator. Which allows users to select media sources (i.e. twitter users) to include in their personalised news feed. Using: Java, Maven, Twitter/Feedly/Pocket API's, SQL, Servlets. Working in an independent agile team with continuous integration.

EDUCATION

2016 – 2018 **Master of Science in Informatics, specialisation in Computer Systems**

Università della Svizzera italiana (USI), Lugano (CH).

2015 – 2016 –
École polytechnique fédérale de Lausanne, Lausanne (CH).

2012 – 2015 **Bachelor of Science in Informatics**

Università della Svizzera italiana (USI), Lugano (CH).

INTERESTS

SPORTS Cycling, running and bouldering.

OTHERS DIY projects, simple electrical projects, house and mechanical repairs.

Nationality – Swiss

6926 Montagnola
Ticino, Switzerland



Personal website



Github page



Bitbucket page



Linkedin profile



vuerichchristian@gmail.com



PROJECTS AND PUBLICATIONS

2018 **Master Thesis**

Christian Vuerich, Supervisors: Prof. Fernando Pedone, Paulo Coelho, **Byzantine Fault-Tolerant Atomic Multicast.** (Java, BFT-smart)

2015 **Publication, Bachelor thesis**

Evangelos Niforatos, Veranika Lim, Christian Vuerich, Marc Langheinrich, Agon Bexheti, **PulseCam: Biophysically Driven Life Logging**, Proceedings of the 17th International Conference on Human-Computer Interaction with Mobile Devices and Services Adjunct - MobileHCI '15, New York, New York, USA: ACM.

(Java, Android, AndroidWear)

COMMUNICATION SKILLS

ITALIAN Native speaker

ENGLISH Proficient, Cambridge English CAE, Score: 199/200 (C1)

GERMAN Intermediate

FRENCH Intermediate

TECHNICAL SKILLS

PROFICIENT Android, Bash, C, C++, CSS, DPKG, Git, HTML, Java, Javascript, Python, Splunk, SQL, TypeScript.

INTERMEDIATE Arduino, CMake, Docker, Haskell, Jenkins, LaTeX, Matlab, Mariner, NodeJS, Subversion.

BASIC Assembly, C#, MongoDB, PHP, Solidity.

OPERATING SYSTEMS Linux, OS X, Windows.

OTHER Agile, Jira, Scrum, Requirement analysis, UX design.