

SEBASTIEN DUC

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CITIZENSHIP: French, Swiss

WORK EXPERIENCE

DEC 2016 - NOV 2022	Forward Deployed Engineer at PALANTIR, London / New York / Paris <ul style="list-style-type: none">- Responsible of the technical success of Palantir's commercial deployments with some of the largest industry leaders worldwide.- Design and develop data pipelines and data driven workflows to transform how customers operate.- Train customer users on how to use Palantir's data integration platform and analytical tools.- Responsible of helping Palantir Engineers grow within the company and follow their career progress throughout their years in the company.
FEB 2016 - DEC 2016	Software Engineer at INPHER, Lausanne, Switzerland <ul style="list-style-type: none">- Responsible for designing and developing software libraries.- Defined product requirements and created architectural specifications, ensuring feasibility, functionality and integration with existing systems.
OCT 2015 - JAN 2016	Security Engineer Contractor at YOTI, London, UK <ul style="list-style-type: none">- Worked on hardware security components for their datacenters.
JULY 2014 - SEPT 2015	Engineer Contractor at QUALCOMM (UK) LTD., Farnborough, UK <ul style="list-style-type: none">- Worked in the Security (UK) team.- Delivered two security applications and porting them on the newest Chipsets.- Developed Trusted Applications for ARM TrustZone in C/C++ and the Android system / Linux kernel components communicating with those Applications.- Collaborated with multiple teams working internationally on different components of the System on Chip.

EDUCATION

SEPT 2011 - OCT 2013	Master of Science in COMMUNICATION SYSTEMS, EPFL Major: Information Security AVERAGE GRADE: 5.71/6.0 (GPA: 3.80)
SEPT 2008 - JULY 2011	Bachelor of Science in COMMUNICATION SYSTEMS, EPFL AVERAGE GRADE: 5.42/6.0 (GPA: 3.64) — second best results

ACADEMIC PROJECTS

MAR 2013 - SEPT 2013	Master Thesis at Qualcomm Inc. — Securing Data at Rest Security risk assessment of a Qualcomm solution to secure data at rest on its System on Chip. Supervisors: Prof. Serge Vaudenay and Dr. Ning Shang
JAN 2012 - JULY 2012	Short, Undeniable Signatures for Android 2.x Android application as a proof of concept for a new cryptographic signature scheme. Supervised by Dr. Ioana Boureanu
SEPT 2009 - JAN 2010	Data Mining in Lausanne Data Collection Campaign Machine learning on data collected on smartphones to predict user behavior. Supervised by Prof. Rüdiger Urbanke, in collaboration with Nokia

LANGUAGES

ENGLISH: Fluent FRENCH: Native Language GERMAN: Intermediate

TECHNICAL SKILLS

Programming : C, C++, PYTHON, Java, Spark, Bash, SQL, Golang, Scala
General: TCP/IP networking, Cryptography, Software security, Software Engineering, Distributed Systems