

# SEBASTIEN DUC

DATE OF BIRTH: 15 February 1990

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CITIZENSHIP: French, Swiss

## WORK EXPERIENCE

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DEC 2016 - NOW | Forward Deployed Enginner at PALANTIR, London, UK

- Ensuring technical success of Palantir deployments with some of the largest companies in the world, leaders in their industry.
- Designing data pipelines and workflows for some of the customers hardest data problems.
- Training customer users on how to use Palantir's data integration platform and analytical tools

FEB 2016 - DEC 2016 | Software Engineer at INPHER, Lausanne, Switzerland

- Responsible for designing and developing software libraries.
- Defined product requirements and created architectural specifications, ensuring feasibility, fuctionality and integration with exisiting systems.

OCT 2015 - JAN 2016 | Security Engineer Contractor at YOTI, London, UK

- Worked on hardware security components for their datacenters.

JULY 2014 - SEPT 2015 | Engineer Contractor at QUALCOMM (UK) LTD., Farnborough, UK

- 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

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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

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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

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ENGLISH: Fluent   FRENCH: Native Language   GERMAN: Intermediate

## TECHNICAL SKILLS

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Programming : C, C++, PYTHON, Java, Spark, Bash, SQL, Golang, Scala

General: TCP/IP networking, Cryptography, Software security, Software Engineering, Distributed Systems