



# Jannik Gut

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## Languages

English

French

German

## Programming

Bash

C

Google Apps Script

Latex

Matlab

Python

SQL

## Tools

Command Line

git

GitHub Atom

Google Suite

Linux

Visual Studio

## Hobbies

Computers  
Cycling  
Godfather of a 7 year old  
Jogging  
Reading the newspaper

## Previous Career

2019 – 2020	<b>Data Analyst Intern</b> Worked on the Competitive Intelligence project for Talent Acquisition, as part of the IT for HR department.	F. Hoffmann-La Roche
2015 – 2019	<b>Bachelor Computer Science</b> Bachelor thesis about the security of the transmission of ballot voting results.	ETH Zürich
2011 – 2015	<b>Matura</b> Matriculation project about the difference of news during the Crimea crisis between the Ukrainian side and the Russian side.	Kantonsschule Sursee

## Professional projects

Competitive Intelligence	Uses AWS EC2 and RDS (mySQL) instances to crawl and store talent acquisition data, afterwards use machine learning to categorize data and in the end use Tableau to present a dashboard. Some of the auxiliary functions have been automated with Google Apps Script (JavaScript-dialect). This project also required me to work with non-technical clients. With the help of Google Apps Script creating specifications for <i>Workday</i> integrations, which also simplified the automation of the Impact Assessment.	GAS
ERP Specification RPA Splunk	Involved in the monitoring of the ERP software <i>Workday</i> with the help of Splunk.	GAS Splunk

## Leisure projects

### Books/Webinars

Clean Code - Agile Software Craftsmanship	Robert C. Martin
Create serverless applications - Azure learning path	Microsoft
Docker Mastery: The Complete Toolset	Bret Fisher
Python Testing with pytest	Brian Okken
Splunk Fundamentals 1	Splunk

### GitHub

NLZMarkov	Scrapes the search of the Neue Luzerner Zeitung for a search term and makes a Markov chain out them. There are options for Natural Language Processing and a Qt-Gui. Scrapes the official placements of Tour de France or Vuelta a España stages or from a fan page and displays the results with matplotlib.	Python
TdFGraph		Python

### Other

BananaPi	Used a BPI to play music over the internet with a bash-script. Afterwards used it as a Pi-Hole.	Raspbian
Linux	Used Linux Mint for my studies and afterwards Linux Arch for normal computer use for some time.	Arch, Mint
Server	Next to the BPI, I also tinkered with an old computer to use as server, but ultimately failed because the server does not even have 1 GB RAM.	Ubuntu

## References

Thesis Supervisor	David Sommer (david.sommer@ethz.ch)	Postgraduate
Project Leader	Jingshu Sun (jingshu.sun@roche.com)	Data Scientist
Business Partner	Manuel Zumkeller El-Manchi (manuel.zumkeller@roche.com)	Business Partner