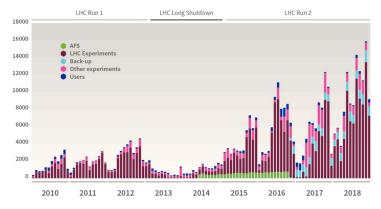
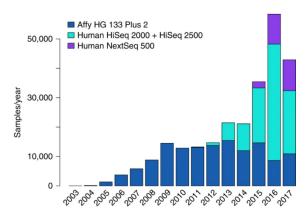
Software Engineering for Scientist



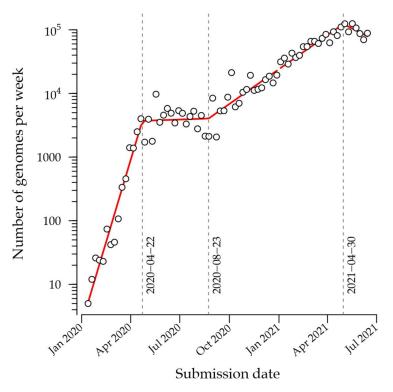
Data (in terabytes) recorded on tape at CERN month-by-month. This plot shows the amount of data recorded on tape generated by the LHC experiments, other experiments, various back-ups and users. In 2018, over 115 PB of data in total (including about 88 PB of LHC data) were recorded on tape, with a record peak of 15.8 PB in November (Image: Esma Mobs/CERN)

Ozcesmeci, 2019

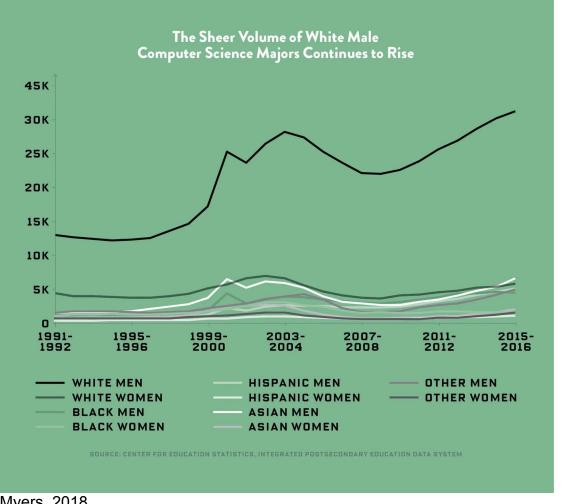


Publicly available RNA-seq samples currently available at GEO/SRA for human and mouse compared to available samples collected with the popular Affymetrix HG U133 Plus 2 platform

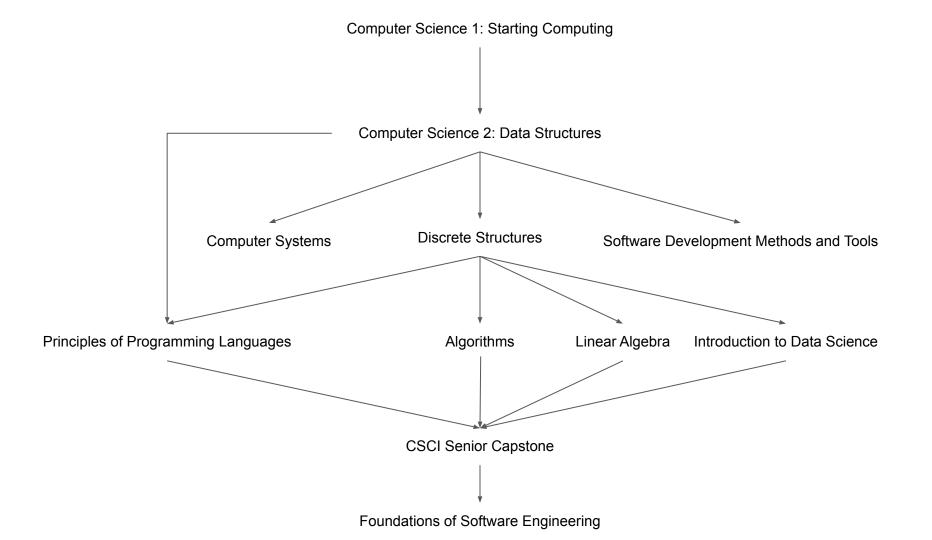
Lachmann, 2018

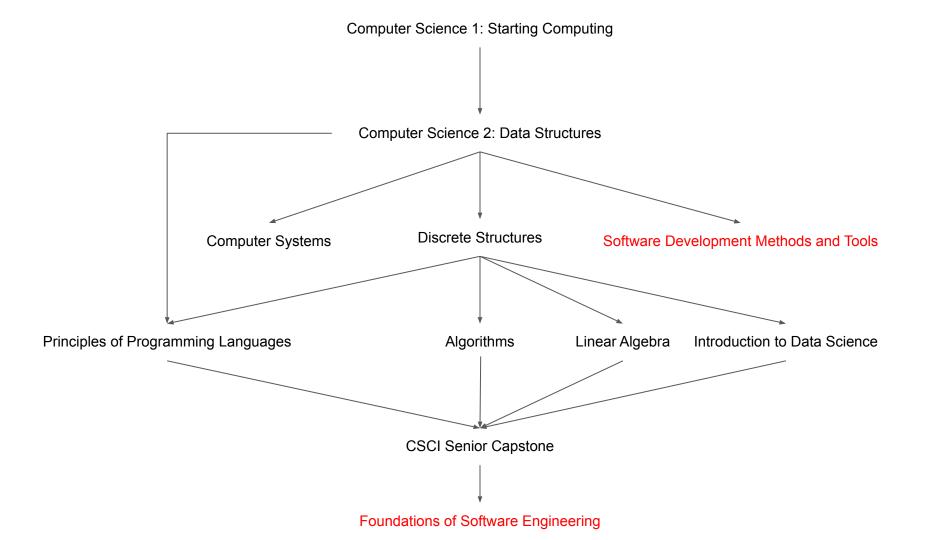


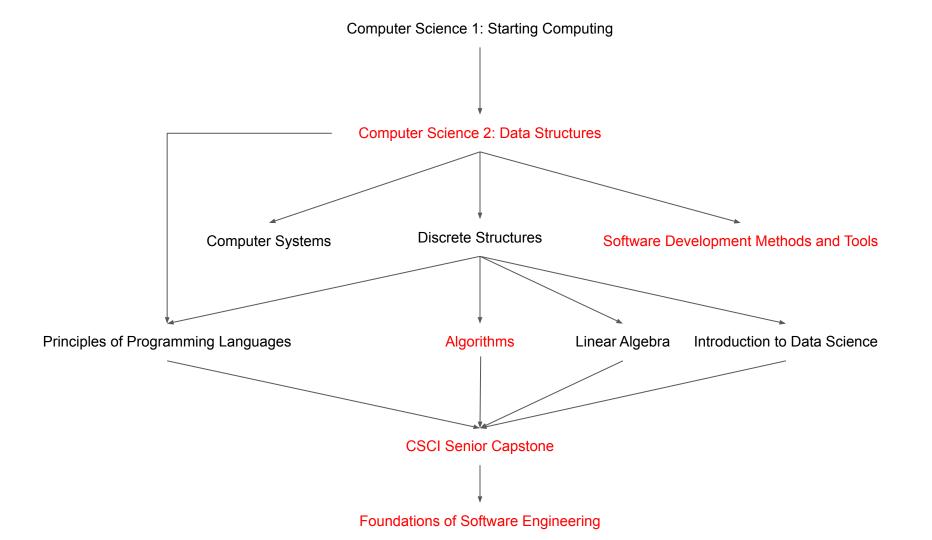
Ferreira, 2021

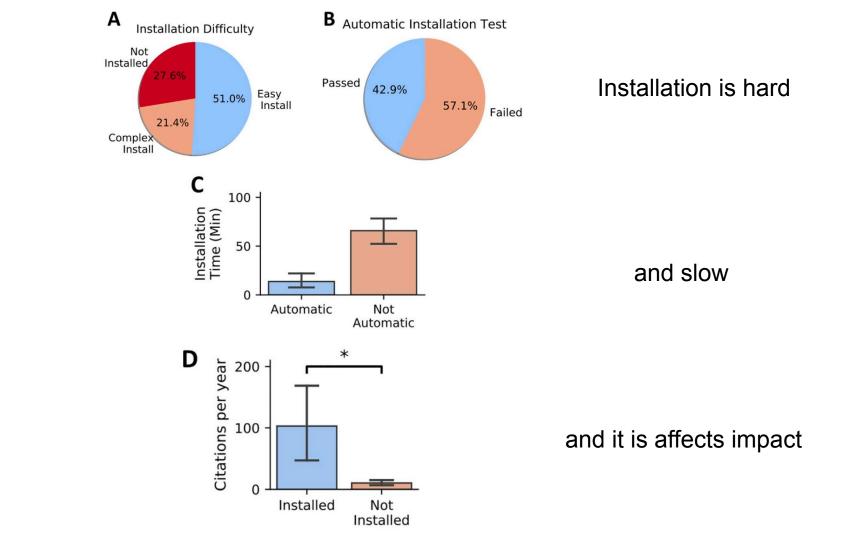


Computer Science 1: Starting Computing









Mangul, 2019

A random forest-based framework for genotyping and accuracy assessment of copy number variations

Xuehan Zhuang, Rui Ye, Man-Ting So, Wai-Yee Lam, Anwarul Karim, Michelle Yu, Ngoc Diem Ngo, Stacey S Cherny, Paul Kwong-Hang Tam, Maria-Mercè Garcia-Barcelo, Clara Sze-man Tang, Pak Chung Sham

https://github.com/sunnyzxh/CNV-JACG

```
&showLog("Calculating het probability for $sample...");

`/home/yerui/miniconda2/bin/perl $home/bin/Het-prob.pl -f $ref -m $snps -r $precnv -i $bam -o $outdir/$precnvbase.het.prob`;
```

Coding Best Practices Version control Git and GitHub **Testing Continuous Integration** Code Reviews Benchmarking Workflows Algorithms **Data Structures Project**

SWE4S