

Research/Working Experience

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## # A tibble: 2 x 5
##   what                when                with                where why
##   <chr>                <chr>                <chr>                <chr> <lis>
## 1 Bioinformatician (Scientist II) 2022 - Present Nykode Therapeutic~ Oslo~ <chr>
## 2 Post-doctoral researcher      2017 - 2022    University of Oslo  Oslo~ <chr>
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Computational skills

What	Level	Category	Description
Python	Proficient	Programming language	pandas, polars, seaborn, plotly, NumPy, scikit-learn, object-oriented programming.
R	Proficient		ggplot2, tidyverse, RMarkdown, Rcpp, S4 objects, plotly.
Perl	Proficient		Regular expressions, CGI scripting, object-oriented design.
Bash	Intermediate		Scripting for automation, file manipulation, and workflow execution.
HTML / CSS	Intermediate	Databases	NA
D3	Intermediate		NA
SQL	Beginner		Queries, subqueries, join operations.
Snakemake	Proficient		NA
GNU make	Intermediate	Pipeline Development	NA
nextflow	Beginner		NA
Docker	Intermediate		NA
Git	Proficient		Development branching, project merging, code review.
aws S3	Beginner	Cloud	NA
CI/CD	Beginner	Automation	NA

Experience with the following approaches: clustering, dimensionality reduction, data wrangling, multivariate analysis, statistical tests, Markov chains, random forest, linear regression, logistic regression, neural networks, ranking, feature selection, data curation, ROC and Precision-Recall curves, benchmarking, regular expressions, pattern discovery, pattern matching.

Education

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## # A tibble: 3 x 5
##   what                                when      with                                where why
##   <chr>                             <chr>    <chr>                                <chr> <lis>
## 1 PhD in bioinformatics             2014 - 2017 Aix-Marseille Universite Mars~ <chr>
## 2 Master in systems biology         2013 - 2014 Institute de biology de ~ Pari~ <chr>
## 3 Bachelor in genomic sciences     2009 - 2013 Universidad Nacional Aut~ Cuen~ <chr>
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Languages

Spanish	English	French	Norwegian
Native	Fluent	Fluent	Intermediate (A2)

Publications

23 Peer-reviewed publications (6 as first author).

See the complete list of publications (including preprints) and citations in my google scholar profile:
[pcevKk0AAAA](#)

ORCID profile: 0000-0003-4069-357X

Reviewed manuscripts

Web of Science (prev. Publons) profile: 1499198

+30 reviewed manuscripts in the following journals: Bioinformatics, Genetics, Molecular Plant, Nucleic Acids Research, Genome biology, Genome Biology and Evolution, Frontiers in Genetics, eLife.

Personalia

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## # A tibble: 3 x 5
##   what                                when      with      where why
##   <chr>                             <chr>    <chr>    <chr> <lis>
## 1 13/02/90                         <NA>    Date~   <NA>  <chr>
## 2 Mexican                         <NA>    Citi~   <NA>  <chr>
## 3 Spanish (native speaker), English (fluent), French (f~ <NA>    Lang~   <NA>  <chr>
```

References

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## # A tibble: 4 x 5
##   what                                when with where why
##   <chr>                                <chr> <chr> <chr> <lis>
## 1 PhD Supervisor, Collaborator      <NA> Prof~ Aix-- <chr>
## 2 Bachelor Thesis Supervisor, Collaborator <NA> PhD ~ Labo~ <chr>
## 3 Postdoc Supervisor, Collaborator    <NA> PhD ~ Norw~ <chr>
## 4 Head of In Silico and Artificial Intelligence Departm~ <NA> PhD ~ Nyko~ <chr>
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