

BEHNAM JABBARIZADEH

Bioinformatician

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STRENGTHS

OneTwoThreeFour

FiveSixSevenEight

NineTen

RedYellowBlueGreen

VioletOrange

LEARNING

UnoDosTresCuatro

CincoSeisSieteOcho

NueveDiez

RojoAmarilloAzul

VerdeVioletaNaranja

MarronBlancoGris

Negro

LANGUAGES

Lang 1: Native

Lang 2: Basic / A2

REFERENCES

Ref 1

Ref 2

Ref 3

ABOUT ME

Bioinformatics researcher with experience in analyzing Next-Generation sequencing data (single cell RNA seq) and a strong background in computer science. Developed a novel method for batch effect analysis that outperformed other methods. Skilled in R and Python programming, Linux HPC environments, and cloud computing platforms. Seeking opportunities to apply technical skills and contribute to innovative projects.

EXPERIENCE

Bioinformatics Researcher | London Health Sciences Centre Victoria Hospital

September 2021 – March 2023 London, Canada

- Developed a novel method for batch effect analysis in single cell RNA seq data that outperforms other methods, improving data quality and reducing batch effects in downstream analyses.
- Integrated multiple research projects from different databases, facilitating cross-project analyses and enabling new discoveries.
- Utilized Compute Canada resources to run analyses on a Linux HPC environment, writing scripts in R, Python, and Linux.

EDUCATION

Master of Computer Sciences | Western University

September 2021 – March 2023 London, Canada

- Speciality: Bioinformatics
- Relevant Coursework: Bioinformatics, Computational Biology, Algorithms and Data Structures

Batchelor of Electrical Engineering | Amirkabir University

September 2015 – Mm YYYY Tehran, Iran

- Speciality: Control Systems

PROJECTS

identify differentially expressed genes between two conditions using RNA-seq data | |

Mm YYYY – Mm YYYY

- Quality control and trimming of FASTQ files
- Item 2

Novel batch effect assessment | |

Mm YYYY – Mm YYYY

- Item 1
- Item 2