



JP FLORES

he/him

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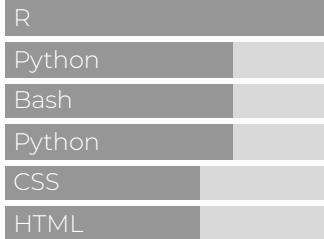
[jpflores_31](https://twitter.com/jpflores_31)

github.com/jpflores-13

jpflores.rbind.io

[linkedin.com/in/john-patrick-flores](https://www.linkedin.com/in/john-patrick-flores)

SKILLS



FEATURED AWARDS & ACCOLADES

Occidental's 18 Young Scientists to Watch (2023)
National Science Foundation Graduate Research Fellow (2021)
Spotify Next Wave Award Winner (2021)
rstudio::global(2021)
Diversity Scholar (2021)

MORE INFO

See full CV at jpflores-13.github.io/cv/

Made w/ [pagedown](#).
Source code:
github.com/jpflores-13/cv.
Last updated on 2023-11-26.

PhD candidate in Bioinformatics & Computational Biology interested in 3D genome organization and gene regulation. I'm passionate about innovation in science and diversity, equity, and inclusion (DEI).

EDUCATION

2025
|
2021

PHD CANDIDATE, BIOINFORMATICS & COMPUTATIONAL BIOLOGY

UNC Chapel Hill

Chapel Hill, NC

· Graduate Certificate in Innovation for the Public Good

2021
|
2017

BA, CELLULAR & MOLECULAR BIOLOGY (PUBLIC HEALTH MINOR)

Occidental College

Los Angeles, CA

RESEARCH & PROFESSIONAL EXPERIENCE

2025
|
2022

GRADUATE RESEARCH ASSISTANT

Phanstiel Lab (UNC-CH School of Medicine)

Chapel Hill, NC

· Using computational and wet-lab techniques to investigate the role of 3D chromatin structure in response to environmental stress
· Developing a user interface for the R/Bioconductor data visualization package, `plotgardener`

2021
|
2017

UNDERGRADUATE RESEARCHER

Schulz Lab (Occidental College Department of Biology)

Los Angeles, CA

· Utilize techniques such as DNA isolation, PCR, gel electrophoresis, and HPLC to find medical relevance of venom
· Conduct fieldwork in Kauai to study and capture venomous cone snails

2021
|
2020

DATA SCIENCE INTERN

University of Utah David Eccles School of Business Sorenson Impact Center

Salt Lake City, UT

· Work alongside the data science team to provide customized data analysis for clients, write code, learn best practices around data sharing and security, as well as create data visualizations and dashboards. Familiarity with Tidyverse set of packages within the R programming language

FEATURED TALKS

2023

THE ROLE OF 3D CHROMATIN STRUCTURE IN RESPONSE TO ENVIRONMENTAL STRESS

Invited talk, McDaniel College Department of Biology

Westminster, MD

2023

THE PEOPLE OF POSIT: BRINGING PERSONALITY TO R PACKAGES

`posit::conf`(2023)

Chicago, IL

2021

STUDENT-EQUITY-CENTRIC: A VISION FOR THE FUTURE OF HIGHER EDUCATION

University of Utah David Eccles School of Business Sorenson Impact Center

Salt Lake City, UT