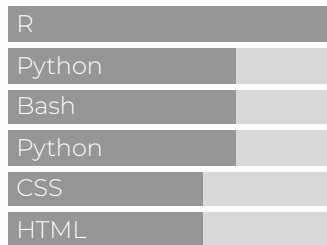




CONTACT

he/him
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jpflores_31
github.com/jpflores-13
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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