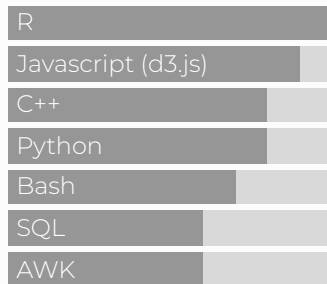




CONTACT

he/him
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linkedin.com/in/john-patrick-flores

LANGUAGE SKILLS



MORE INFO

See full CV at jpflores-13.github.io/cv for more complete list of positions and publications.

Made w/ [pagedown](#).
Source code:
github.com/jpflores-13/cv.
Last updated on 2023-11-25.

I am interested in 3D genome organization and data visualization. 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 EXPERIENCES

- 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 WORK

- 2023
THE ROLE OF 3D CHROMATIN STRUCTURE IN RESPONSE TO ENVIRONMENTAL STRESS
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 (2021)
University of Utah David Eccles School of Business Sorenson Impact Center
Salt Lake City, UT