PhD candidate in Bioinformatics & Computational Biology interested in mechanisms of gene regulation. I'm passionate about innovation in science and equity & inclusion in the STEM workforce.

JP FLORES

- 💬 he/him
- ✉ jpflores013@gmail.com
- 🐦 jpflores_31
- 🐙 github.com/jpflores-13
- 🔗 jpflores.rbind.io
- 💼 linkedin.com/in/john-patrick-flores

SKILLS

Skill	
R	████████
Python	█████
Bash	█████
Python	█████
CSS	███
HTML	███
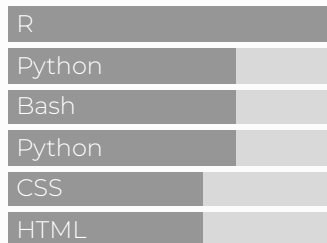
FEATURED AWARDS & ACCOLADES

Howard Hughes Medical Institute (HHMI) Gilliam Fellows Program
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 2024-10-

🎓 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

· Developing and applying software in R, performing microscropy (DNA FISH) and -omics techniques (Hi-C, RNA-seq, ATAC-seq, CUT&RUN/ChIP-seq) to investigate the role of 3D chromatin structure in response to environmental stress

2024

SCIENCE POLICY INTERN
National Institutes of Health (NIH) Office of the Director 📍 Bethesda, MD

· Assist in developing a public vision and framework for including patient and community voices in the design and conduct of NIH-funded clinical research. Help plan public consultations to develop recommendations regarding engagement methods for research employing novel technologies and will be prototyping equitable and inclusive approaches for patient and community engagement.

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

2024

THE ROLE OF 3D CHROMATIN STRUCTURE IN RESPONSE TO ENVIRONMENTAL STRESS
Invited Talk, Sixth Annual Dr. Samuel M. Nabrit Conference for Early Career Scholars 📍 Providence, RI