

# CV

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## Experience

### Staff Research Associate

University of California Los Angeles (2022 - present)

- Conducting research in two labs investigating metabolic and transcriptional reprogramming across prostate cancer disease states:
  - [Goldstein lab](#)
  - [Boutros lab](#)

### Lead K-12 Mathematics Instructor

Mathnasium, LLC (2019 - 2021)

- Provided one-on-one and group tutoring in foundational mathematics (e.g. algebra, geometry, trigonometry, calculus) and other general science courses
- Managed learning center operations on weekends

## Education

### BS: Biochemistry

University of California Los Angeles (2020-2022)

- Conducted biomedical research while completing undergraduate coursework
- Completed a graduate-level course in mass spectrometry proteomics, and upper-division electives in mathematics and machine learning

### AA (honors): Social and Behavioral Science

Santa Monica College (2015-2020)

- Explored multiple academic tracks before transitioning to STEM
- Worked part-time in service roles and as a peer tutor for foundational science and math courses



## Skills

Python programming

R programming

NumPy

pandas

Unix

Machine learning

Data science

Statistics

Transcriptomics

Metabolomics

Nextflow

git

Docker

CI/CD

High-performance computing

Pipeline development and applications

Applied mathematics

Network analysis

Simulation-based inference

Biomedical experimental design

Mammalian cell culture

Immunoblotting

Microscopy and IHC

Cellular respirometry

Scientific communication

Mentorship