

CV

Nicholas M. Nunley | nicknunley17@ucla.edu | [GitHub](#) | [Linkedin](#) | Los Angeles, CA

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

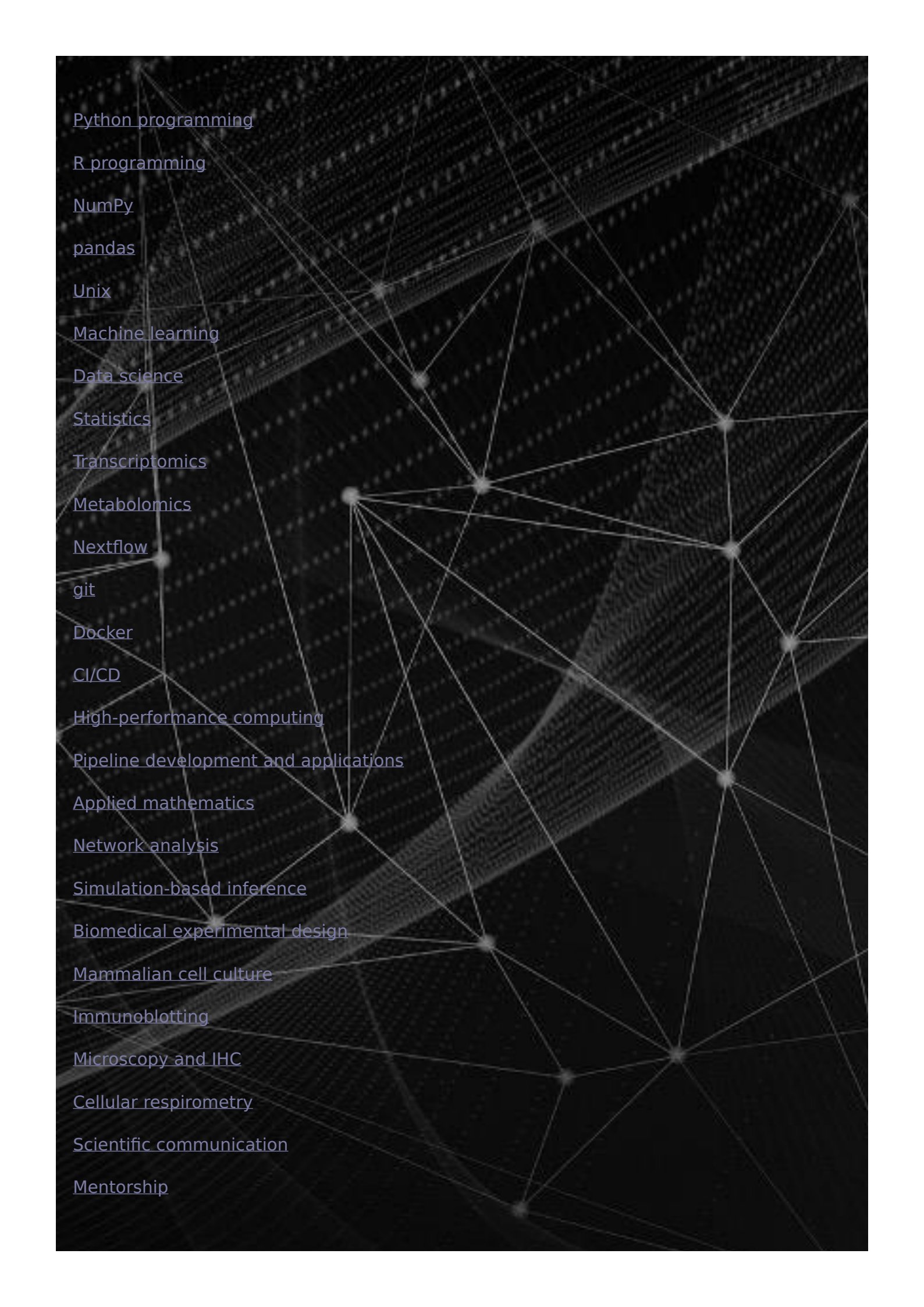
AA (honors): Social and Behavioral Science

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](#)