

Contact

www.linkedin.com/in/daphne-tsoucas-3932385b (LinkedIn)

Top Skills

Python (Programming Language)
Machine Learning
Statistics

Languages

French (Native or Bilingual)
Spanish (Professional Working)

Publications

A major chromatin regulator determines resistance of tumor cells to T cell-mediated killing.

Assessing inequality in transcriptomic data.

Accurate estimation of cell-type composition from gene expression data

Rectal microRNAs are perturbed in pediatric inflammatory bowel disease of the colon

GiniClust2: a cluster-aware, weighted ensemble clustering method for cell-type detection

Daphne Tsoucas

Machine Learning Engineer at Apple
San Francisco Bay Area

Summary

Health and biological data researcher with a strong statistical foundation and publication track record, interested in generating actionable signals from large-scale datasets using ML/AI.

Experience

Apple

Machine Learning Engineer

March 2022 - Present (1 year 2 months)

Cupertino, California, United States

Atriox Health

Senior Data Science Engineer

January 2021 - March 2022 (1 year 3 months)

San Francisco Bay Area

Machine learning and signal processing of electrocardiogram (ECG) data to develop mechanistic understandings of the heart from a non-invasive wearable device.

Foresite Labs

Data Scientist

October 2019 - January 2021 (1 year 4 months)

San Francisco, California, United States

Statistical method and computational platform development for the analysis of large-scale biological data to fuel early-stage company incubation.

Foresite Capital

Data Scientist

August 2018 - January 2021 (2 years 6 months)

San Francisco Bay Area

Dana Farber Cancer Institute

Graduate Student Researcher

May 2015 - July 2018 (3 years 3 months)

Boston, MA

Conception and implementation of novel unsupervised machine learning tools for the analysis of high-dimensional single-cell omic data, with applications to rare cell type discovery and cancer immunology.

The Children's Hospital of Philadelphia

Student Researcher

May 2012 - May 2014 (2 years 1 month)

University of Pennsylvania Tutoring Center

Tutor

September 2011 - May 2014 (2 years 9 months)

Tutoring in Calculus, Statistics, Economics, Chemistry, Biology

Education

Harvard University

Doctor of Philosophy (PhD) in Biostatistics · (2014 - 2018)

University of Pennsylvania - The Wharton School

Bachelor of Science (B.S.) in Economics, Statistics Major · (2010 - 2014)

University of Pennsylvania

Bachelor of Arts (B.A.) in Biology, Mathematics Minor · (2010 - 2014)