

Contact

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Matt Bordas (He/Him)

Computational Biologist at Northwestern University
Oakland

Experience

Northwestern University

Visiting Scholar - Computational Biology

September 2020 - Present (4 months)

Evanston, Illinois, United States

I'm working with the Amaral Lab (<https://amaral.northwestern.edu/>) on various research projects at the intersection of data science, software, and biology. Currently, I am working on a project about the scientific process of aging, with a computational biology focus.

We're using Python to analyze gene and gene RIF data from Entrez.

Specifically, we are looking at genes that could be related to the aging process, but that are under researched. Using this data, we're building a web app to visualize these trends and to serve as an interactive tool. The goal is to aid researchers in the search, understanding, and development of studying these genes.

I'm leading the engineering effort to perform the data analysis and create the web app. I'm building it from scratch with the following stack:

- Data Analysis: Pandas (Python)
- Backend: Flask (Python)
- Frontend: React, D3 (JavaScript)

Code2040

Mentor/Coach

April 2019 - Present (1 year 9 months)

San Francisco Bay Area

Time by Ping

3 years 11 months

Co-Founder, Lead Full-Stack Software Engineer

June 2019 - March 2020 (10 months)

San Francisco Bay Area

Co-Founder, Head of Engineering

January 2018 - June 2019 (1 year 6 months)

San Francisco Bay Area

Co-Founder, Software Engineer

May 2016 - January 2018 (1 year 9 months)

San Francisco Bay Area

Education

UC Davis

Bachelor of Science (B.S.), Computer Science · (2012 - 2016)