

Matt Bordas

Computational Biologist

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PROFILE

Currently working as a computational biologist focused on using my experience as a software engineer to analyze, model, and understand -omics data. I have a bachelor's in computer science and four years of industry experience in full stack software engineering at a startup I co-founded. I've worked with a myriad of technologies, obtaining proficiencies in Python, Pandas, Flask, ReactJS, NodeJS, DevOps, data analysis, cloud computing, and cloud architecture. I am seeking a role in bioinformatics that will further progress my skills and broaden my exposure to various facets and problem areas within the field.

EXPERIENCE

Amaral Lab, Northwestern University **Visiting Scholar, Computational Biology**

Evanston, IL (remote)
Sept 2020 – Present

Python, Pandas, Flask, Jupyter, ReactJS, Docker, AWS

- Conducts research projects at the [Amaral Lab](#) that fuse software, biology, and data science to understand and solve problems around aging
- Compiles and analyzes aging-related gene data from the National Center for Biotechnology Information ([NCBI](#)) to develop interactive web applications
- Applies machine learning methods from research paper ([Nat Genet 47, 856–860 \(2015\)](#)) to construct a predictive model that would preemptively score the effectiveness, worthiness, and potential impact of new aging research

Time by Ping **Co-Founder, Lead Engineer**

San Francisco, CA
May 2016 – Mar 2020

NodeJS, Docker, DevOps, AWS, MySQL, MongoDB, .NET, C#, Agile, TDD

- Co-founded [Time by Ping](#) during undergrad and developed the first version of an automated timekeeping product for lawyers and law firms
- Managed all engineering personnel and expanded the team from two to twelve people
- Led the engineering team through the company's first three fundraising rounds totaling over \$16 million

Lead Full Stack Engineer

June 2019 – Mar 2020

- Facilitated the project management, automation, and development of a detailed technical pipeline for onboarding new customers to the platform
- Spearheaded the creation of a new engineering team focused on DevOps, SRE, new customer onboarding, and on-site support
- Worked with the CEO and leadership to restructure the engineering team post-series A fundraising

Head of Engineering

Jan 2018 – June 2019

- Directed the engineering team to a successful series A fundraising round
- Oversaw the development, testing, and release of the product to the company's first users
- Provided on-call and on-site support for all users across the U.S. and U.K.

Software Engineer

May 2016 – Jan 2018

- Hired interns and developed a prototype that secured the first customer contract
- Built and programmed the entire product from the ground up in coordination with the engineering co-founder
- Co-founded the company and collaborated with the founding team to outline the product requirements

COMMUNITY

Code2040 **Mentor/Coach**

San Francisco, CA
2019 – Present

- Serves as a volunteer for [Code2040](#), a non-profit focused on improving the lack of representation of women and people of color in the technology industry
- Supervises mentors and provides recommendations on how to best support and provide resources for their mentees
- Coordinates recurring check-ins and organizes group wide events

EDUCATION

University of California, Davis
Bachelor of Science (B.S.), Computer Science

Davis, CA
2012 – 2016