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, Jupyter Notebooks, 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. I moving to the Washington DC-Baltimore area and prefer positions within its proximity, but I am also open to working remotely.

EXPERIENCE

Amaral Lab, Northwestern University   **Evanston, IL (remote)**
Visiting Scholar, Computational Biology   **Sept 2020 – Present**
Python, Pandas, Flask, Jupyter Notebooks, 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   **San Francisco, CA**
Co-Founder, Lead Engineer   **May 2016 – Mar 2020**
NodeJS, Docker, DevOps, AWS, MySQL, MongoDB, .NET, C#, Agile, TDD
- Led the engineering team through the company's first three fundraising rounds totaling over $16 million
- Co-founded Time by Ping 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

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   **San Francisco, CA**
Mentor/Coach   **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   **Davis, CA**
Bachelor of Science (B.S.), Computer Science   **2012 – 2016**