

Trevor Xander

| **Software Engineer** | Forest Hills, NY |

| **Portfolio Website:** trevorxander.com | github.com/trevorxander |

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Technologies

Languages:	Python, Javascript, C, C++, Java
Frameworks:	Django, Flask, Selenium, PyQt, Express, React, AngularJS
Libraries:	Pandas, NumPy, BeautifulSoup, Seaborn, JQuery
Databases:	MySQL, PostgreSQL, MongoDB, Redis
AWS:	EC2, S3, SQS, SNS, Fargate, RDS, Lambda, CloudFront

Work Experience

Director of Technology and Product Development

Feb 2022 - Present

DeepMacro, Inc.

- Played a pivotal role in designing and implementing the company's current technology infrastructure, including a ticket tracking system, software versioning and licensing
- Designed and executed focused marketing campaigns; Published materials include automated mass HTML emails, new icons for products, company logos, mockup ad photos, and videos explainers
- Managed two tech teams spread across the US and Taiwan in the development of new products

Lead Developer

July 2020 - Feb 2022

DeepMacro, Inc.

- Migrated an aging website tech stack running on AngularJS and Node8 to a stack with a React front-end, Node14 and Python3 hybrid back-end, and Webpack for deployment. A smooth transition was possible with the help of custom tooling to maintain backward compatibility and a phased rollout plan
- Put into effect, company-wide standards and processes for improving code quality and maintainability
- Worked directly with clients to collect requirements and communicate realistic limitations and deadlines. And translating these requirements into prioritized tasks that were distributed amongst the team
- Audited and fixed multiple security holes spread across the company's network infrastructure
- Hosted project planning sessions, conducted code reviews, tracked employee performance

Software Developer

July 2019 - July 2020

DeepMacro, Inc.

- Developed Python2/3 compatible internal tooling to streamline developer workflow
 - Worked on building pipelines to preprocess store large datasets in S3 as Parquets and serve them internally and externally through a Flask REST APIs
 - Created a scheduling system in Python3 to fetch data from different vendors that minimizes cost and avoids hitting rate limits. Full control of schedule exposed through an internally available Flask REST API
 - Created a robust scraping framework on top of Selenium
 - Migrated and consolidated services fragmented across multiple platforms like Heroku, Digital Ocean Sendgrid, MailChimp to a single cloud provider using AWS Fargate, EC2, SES, and more
 - Designed and built responsive website pages in AngularJS along with backend data pipelines in Node and Python3 to service them
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