Chris Mischaikow

404-372-2438 | mischaik@gmail.com | github.com/mischaikow

Skills

- Languages: TypeScript, Python, HTML/CSS, PostgreSQL
- Technologies: AWS, Node.js, Git, Docker, Vitest, Jest

Experience

Recurse Center – New York, NY   January 2024 – present
Participant

- Studied backend distributed systems. [Implemented a Paxos consensus algorithm](#) in TypeScript and Node.js and containerized with Docker. Tutored other participants on building backend frameworks for their own projects.
- Building a [personal website](#) with a Svelte frontend, Nginx reverse proxy, Node.js backend, GitHub Actions CI/CD pipeline, hosted in Docker containers on AWS in EC2.

Better – New York, NY   May 2022 – June 2023
Fullstack Software Engineer

- Maintained and owned an integration service built in TypeScript and PostgreSQL that orchestrated data between internal systems and Better Real Estate's CRM vendor, permitting seamless cross-product customer experiences.
- Designed and implemented Python services to migrate internal calendaring integration from Google Suite APIs to Office Graph in support of corporate IT vendor transition, including high-coverage testing and observability to ensure reliability through the transition.
- Led product design and implementation of expanded CRM functionality that provided 3rd party agents access to Better's platform and capabilities.

Kanto – New York, NY   August 2018 – January 2020
Founder & CEO

- Developed a go-to-market strategy for computational techniques based on novel mathematics with applications in the life sciences. Managed marketing, company formation, contracts, financials, hiring and fundraising.

Goldman Sachs – New York, NY   June 2014 – May 2017
Oil Commodities Research Associate

- Constructed databases, interfaces and dashboards for internal use using a combination of external sources, internal resources, R, and Python with an Excel interface. Reduced the time from question to solution from days to hours or minutes, permitting rapid economic analysis.

US Economics Research Analyst

- Generated original research, provided expert analysis, developed and maintained internal infrastructure, and assisted in the preparation of the team's publications, including presentations for Goldman's Chief Economist.

Federal Reserve Bank of New York – New York, NY   July 2012 – May 2014
Rotational Analyst

- Built and maintained databases, dashboards and chart packs used by staff economists and policymakers to analyze markets and policy. Supported the Markets Group primary dealer and market participant surveys.

Education

New York University – New York, NY   January 2013 – May 2016
M.B.A. Finance, Global Business

Rutgers University – New Brunswick, NJ   January 2010 – May 2012
B.A. Mathematics, Economics

California Institute of Technology – Pasadena, CA   September 2004 – December 2007
Major Applied and Computational Mathematics