

# Nathan Drezner

@ [nathan@plot.ly](mailto:nathan@plot.ly)

@ [nathan@drezner.xyz](mailto:nathan@drezner.xyz)

📧 [ndrezn](mailto:ndrezn)

in [Nathan Drezner](#)

🌐 [nathandrezner.com](http://nathandrezner.com)

## PLOTLY

[Plotly](#) provides online graphing, analytics, and statistics tools and web frameworks for individuals and collaboration.

### Technical Product Manager

📅 Oct. 2023 – Present

📍 Montréal, Canada

- Oversee App Studio, Dash libraries, and Plotly graphing libraries.

### Manager, Professional Services

📅 Nov. 2021 – Oct. 2023

📍 Montréal, Canada

- Managed a team of 10+ consultants, interns, and contractors in Professional Services.
- Developed and advised on dozens of software solutions for Fortune 500 companies in various sectors including healthcare, government, energy, and technology.

### Project Lead, Professional Services

📅 May 2021 – Nov. 2021

📍 Montréal, Canada

- Managed client projects and established best practices in design, architecture, and performance within the Professional Services team.
- Developed production-ready Dash applications, components, and tools using the Dash Enterprise framework.

### Solutions Architect, Professional Services

📅 Feb. 2020 – May 2021

📍 Montréal, Canada

- Developed Dash applications using the full-stack Dash Enterprise framework.
- Contributed to both Plotly's open- and closed-source software projects and worked with tools including Plotly, Dash, React, Apache Spark, and Redis/Postgres.

## RESEARCH

### Research Assistant

[.txtLab](#) - a laboratory for cultural analytics at McGill University

📅 October 2018 – May 2020

📍 Montréal, Canada

- Studied the salient language of disagreement and consensus building on Wikipedia, overseen by Profs. Andrew Piper and Richard Jean So.

### Research Assistant

[Montréal Computational & Quantitative Linguistics Lab](#) - a laboratory to study fundamental questions about language acquisition, processing, use in society, and change over time

📅 November 2019 – May 2020

📍 Montréal, Canada

- Studied patterns of productivity and reuse in language including designing an algorithmic implementation of a qualitative model for productivity, overseen by Prof. Timothy O'Donnell.

## SKILLS

- **Language:** Python, Javascript, Bash, Clojure, French (some working proficiency)
- **Technologies:** Dash, Plotly, CI/CD pipelining, React, Redis, ArcGIS, MapBox, pandas

## EDUCATION

### McGill University

Bachelor of Arts

📅 Sept. 2016–Apr. 2020

- Double major in Computer Science and English, cultural studies
- Awarded the Arts Undergraduate Research Award for .txtLab work, a grant given to support undergraduate students who undertake research under the direct supervision of a faculty member

## PERSONAL PROJECTS

### Wikipedia Histories 🔄

- A Python tool for retrieving the textual revision history of any Wikipedia article, with more than 30,000 lifetime downloads and 200 downloads per week.

### Wikipedia Picture of the Day 🔄

- Daily automated posting of Wikipedia's picture of the day on Bluesky at [@wiki\\_potd](#) with 50k+ followers.

## PUBLICATIONS

### Predicting the Author

- Published in *The Channel*, McGill Department of English Undergraduate Review "Predicting the Author: A Critique of Auteur Theory", *The Channel*, January 18, 2022. [mcgillchannelundergraduatereview.com](http://mcgillchannelundergraduatereview.com)

### Everyday Specialization on Wikipedia 🔄

- Published by the McGill .txtLab. "Everyday Specialization: The coherence of editorial communities on Wikipedia", *.txtLab Collaborations*, September 30, 2020. [txtlab.org](http://txtlab.org)

### Reconciliation in Chaos 🔄

- Published in *The Channel*, McGill Department of English Undergraduate Review "Reconciliation in Chaos: Tracing word distributions and sentiment in the monologues of *Palace of the End*", *The Channel*, March 26, 2019. [mcgillchannelundergraduatereview.com](http://mcgillchannelundergraduatereview.com)