Juan-Pablo Velez

Climate & Data Science

500 Throop Ave
Brooklyn, NY 11221

312.218.5448
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Skills

Policy	Climate, energy, economics
Data Science	Statistical modeling, Data analysis, GIS
Software Engineering	Machine learning, Data, Backend
Programming Languages	Python, R, SQL, Scala, Java, C, Javascript
Spoken Languages	Fluent in French, Spanish, and English

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Experience



Founder, Executive Director

MARCH 2022 - PRESENT, New York, NY

Founded and led a think tank that produces rigorous, accessible data on state climate policy for advocates, policymakers, and the public.



Staff ML Engineer

JAN 2020 - JAN 2023, New York, NY

Designed, developed, and operated end-to-end machine learning systems - including big data pipelines, Tensorflow model training, and high-scale backend services - for targeting in-app messages and audio ads to the right users.

Senior ML Engineer

MAY 2018 - JAN 2020, New York, NY

Conceived and organized inaugural Spotify Engineering Conference (SpEC) for 1,200 software engineers in Stockholm, Sweden. Lead 15-person team.

Software Engineer II

MAY 2016 - MAY 2018, New York, NY

POLYNUMERAL

Data Scientist

MAY 2014 - FEB 2016, New York, NY

Worked on a multitude of statistical modeling and data analysis projects for consulting clients in education, media, tech, publishing, and government. Polynumeral was an early data science consultancy founded by Max Shron, OKCupid's first data scientist.

Data Science For Social Good

Co-Founder

DEC 2012 - SEPT 2013, CHICAGO, IL

Helped launch and run an academic fellowship - funded by ex-Google CEO Eric Schmidt and directed by 2012 Obama Campaign Chief Scientist Rayid Ghani - that trains computer scientists, statisticians, and social scientists to work on data science projects with social impact. Originally at the University of Chicago, the fellowship has since been hosted at CMU, Imperial College London, and others.

cnc

Chicago News Cooperative

Data Journalist

OCT 2009 - FEB 2012, CHICAGO, IL

Wrote data-driven news articles for the Chicago section of the New York Times, and the Chicago News Cooperative website. Made interactive data visualizations. Web production.

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Education

Columbia University NYU CUNY

Postgraduate Studies in Math

SEPT 2017 - MAY 2022, NEW YORK, NY

Completed the following postgraduate math courses.
3.84/4.0 GPA to date

-	*Calculus I*	CUNY	Fall 2017	A
-	*Calculus II*	CUNY	Spring 2017	A
-	*Honors Calculus III*	NYU	Fall 2018	B
-	*Linear Algebra*	NYU	Fall 2019	A
-	*Probability Theory*	Columbia	Fall 2021	A
-	*Mathematical Statistics*	Columbia	Spring 2022	A

THE UNIVERSITY OF CHICAGO

BA in Sociology

SEPT 2005 - JUNE 2009, CHICAGO, IL

Graduated with Honors.
3.55/4.0 GPA
3.90/4.0 GPA in major