

Henry Williams

Manhattan, NY

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EXPERIENCE

THE GRAVEL INSTITUTE | EXECUTIVE DIRECTOR AND CHAIRMAN OF THE BOARD

January 2020 – Present | Manhattan, NY

- Co-founded 501(c)4 non-profit dedicated to innovating 21st century political persuasion mechanisms.
- Manage donor outreach; secured a \$25,000 seed donation from the founder of Tumblr.

MIKE GRAVEL 2020 | CHIEF OF STAFF

March 2019 – August 2019 | Manhattan, NY + San Francisco, CA + Washington, DC

- Planned, architected, and led Former U.S. Senator Mike Gravel's Presidential campaign to influence the debate on war, democracy, and justice in the 2020 Democratic primary election.
- Designed media strategy which attracted 70k donors (totaling \$350,000), 350 million engagements and 135k followers.
- Built a staff of 100+ including tech, design, comms, and policy teams. Developed a comprehensive policy platform.
- Got the candidate to 1-2%+ in major national polls. Was called 'the future of politics' in a New York Times profile.

EDLAB, TEACHERS COLLEGE | DATA SCIENCE INSTITUTE SCHOLAR

May 2019 – August 2019 | Columbia University, Manhattan, NY

- Researched the application of data science techniques to improve self-directed learning opportunities.
- Developed a method for processing and analyzing library data using machine learning (**Python**, **GraphQL**, **NLP** and **SQL**).

APPNEXUS | SOFTWARE ENGINEERING INTERN

June 2017 – August 2017 | Flatiron District, Manhattan, NY

- Worked with data science team to build and deploy business-critical analysis pipeline in **Python** as containerized jobs.
- Created **Docker** containers on a **Kubernetes** cluster for dramatic speed and reliability improvements.

ALBERT EINSTEIN COLLEGE OF MEDICINE | RESEARCHER

July 2016 – Sep 2016 | Montefiore Medical Center, Bronx, NY

- Researched and co-wrote a paper on skew as a statistical measure in computational biology, presented to the ICIBM 2019 conference, published in BMC Bioinformatics. Did analysis using the **R** language.

BIRCHBOX | SOFTWARE ENGINEERING INTERN

June 2016 – July 2016 | Flatiron District, Manhattan, NY

- Deployed a global warehouse logistics platform in **Java**, adding new functionality. Worked with teams in London and Spain.

APPNEXUS | SOFTWARE LOGISTICS INTERN

June 2015 – July 2015 | Flatiron District, Manhattan, NY

- Created software in **Python** for managing JIRA project management and issue tracking company-wide.
- Other projects included an automated bug index and quarterly departmental dashboards.

EDUCATION

COLUMBIA UNIVERSITY

COMPUTER SCIENCE - MATHEMATICS

Expected Graduation May 2023 | Morningside Heights, Manhattan, NY

Data Science Institute Scholar - Columbia Debate Society

AWARDS

2018	International Mathematical Modeling Challenge	Top Team in the U.S. / International Top 5 Team
2018	VEX Robotics	New York State Champion
2017	VEX Robotics	U.S. Nationals Top Team Award
2017	MIT Battlecode AI Competition	Finalist (Top 10 out of 1000)