

CHRISTOPHER J. HAID

I believe strongly in leading analytical teams that encourage inquisitiveness in our partners and stakeholders. We encourage inquisitiveness by showing variation, trends, predictions, and uncertainty with clear prose, thoughtful visualizations, and rigorous analysis. To provide clarity we add detail; to foster insight we strip away the superfluous. I've worked in education reform and charter school management since 2009 at KIPP Chicago and IDEA Public Schools and I'm a founder and steering committee member of the Data Whiz community of practice¹.



PROFESSIONAL EXPERIENCE

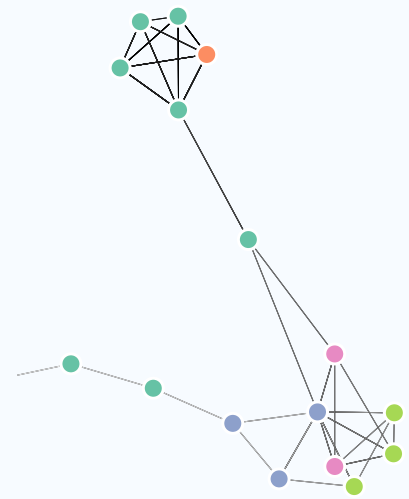
Current
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2020

● Vice President of Data Analytics

IDEA Public Schools

📍 Weslaco, TX (remote)

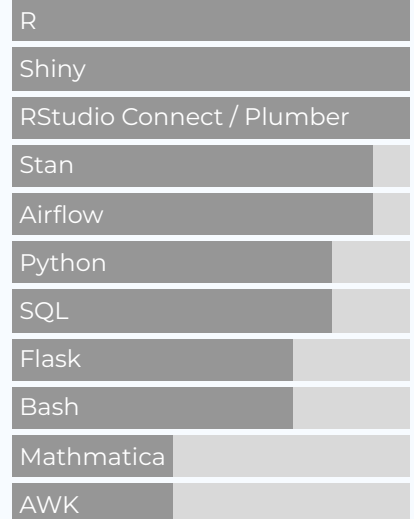
- Leads research, evaluation, analysis and data product development across 138 schools in Texas, Louisiana, and Florida serving 85,000 students; these teams provide advice, decision support, and data products to all divisions at IDEA Schools: Academic Services, Human Assets, Advancement, College Success, Operations, Information Systems, and Finance
- Manages teams tasked with the rapid impact analyses focused on causal inference and predictive analytics, including evaluations of Pre-K effectiveness, scheduling impacts, impact of at-home vs in-person learning environments; typical methods included regressions, random forest estimation, matching, regression discontinuity, as well as distributional tests
- Leads and supports evaluations team tasked with multi-year program evaluations, including Charter School Program, Century 21 Afterschool Program, Teacher and School Leader Improvement Program
- Designed and delivered professional development to research and analysis team members on Shiny web applications, version control with `git`/GitHub, data project management best practices, RStudio Connect publishing, ETL operations, and predictive data pipelines with the `tidymodels` framework.
- Implemented Qualtrics and RStudio Connect to facilitate data collection, recurrent analysis, data applications, and automated report generation
- Authored internal `R` packages that facilitate access to and exploration of IDEA's data warehouse, support use of brand-compliant colors with `ggplot2` graphics, and standardize reports rendered as PDFs, Word documents, HTML webpages, and automated emails
- Coordinates the cooperative authorship of the IDEA Research and Analysis Team Manual², which documents team tenets, best practices, and approaches for technical team members.
- Doubled size of research and analysis team over initial 12 months



CONTACT

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🐦 [@chrishaid](https://twitter.com/chrishaid)
🔗 github.com/chrishaid
in [linkedin.com/in/chrishaid](https://www.linkedin.com/in/chrishaid)

ANALYTICS STACK



View this resume online with links at
[_https://chrishaid.github.io/cv/_](https://chrishaid.github.io/cv/)

Last updated on 2022-03-14.

Current
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2015



Founder & Data Scientist

Numbersense

📍 Chicago, IL

- Effectiveness evaluations of charter network performance for lenders to charter school management organizations
- Development of R package to access and analyze NJ Department of Education data on school performance and demographics³

2020
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2017



Chief of Staff

KIPP Chicago Schools

📍 Chicago, IL

- Advise and provide decision support and data analysis to executive director, superintendent, chief operating officer, and VP of strategic growth and development
- Supervise data science team that collects, stores, manages, and analyzes data across our region of 8 schools, 3,000 students, 1,000 alumni, and 325 teachers. Includes the design and implementation of predictive models, algorithms, interactive dashboards, memos, and reports
- Manage all progress monitoring meetings with senior leadership team (Executive Director, C-level, and managing directors)
- Responsible for the presentation and communication of our analyses to all of our stakeholders: students, teachers, parents, school leaders, regional officers, CPS, and donors
- Responsible for external relationships with district leadership, other CMOs, the Mayor's Office, and other elected officials (e.g., city council and school board members)
- Provide advice and decision support to Academic, Operations, Alumni, and Talent teams

2017



Chief Information Officer

KIPP Chicago Schools

📍 Chicago, IL

- Managed data science team that tripled in size
- Coordinate technology selection, device management, and e-Rate process

2016
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2012



Director of Research & Analysis

KIPP Chicago Schools

📍 Chicago, IL

- Collection, management, and analysis of data across our region of 4 schools, 1,200 students and 100 teachers
- Responsible for the presentation and communication of our analyses to all of our stakeholders: students, teachers, parents, school leaders, regional officers, Chicago Public Schools, and donors
- Encourage inquisitiveness by creating thoughtful visualizations and rigorous analyses of any and all data

2003
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2002



Consultant

Professionalink & John Hancock

📍 Washington, DC & Boston, MA

- Special Projects for CEO and CFO of John Hancock Financial Services
- Root cause analysis and solution design for Long-Term Care application process that led to a 200% reduction in time to underwrite

2002
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2000



Product Planner

The Adrenaline Group

📍 Washington, DC

- Project lead on web application using AI to underwrite subprim home loans. Responsible for product design, roadmap, and milestone delivery
- Project lead on case analyzing surveillance system monitoring the NASDAQ exchange
- Project lead for team tasked with analyzing a large mortgage lenders data infrastructure and software stack for supporting underwriting activities

2000
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1997



Senior Consultant

Arthur Andersen LLP

📍 Washington, DC

- Analysis of intangible liabilities for Fortune 500 healthcare company
- Devised and implemented algorithm for setting hotel and meal per diem rates for the General Services Administration



RESEARCH EXPERIENCE

2011
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2010



Research Fellow

Alexander Hamilton Center for Political Economy

📍 New York University

- Independently analyzed and constructed statistical models for large data sets pertaining to carbon decomposition rates
- Taught courses on globalization and political violence to both undergrads and graduate students

2010
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2009



Research Fellow

Program on Order, Conflict, and Violence

📍 Yale University

- Research the origins of electoral violence
- Devised new methods for studying the network effects of violence on voter behavior

2009
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2007



Research Associate

Caribbean Policy Research Institute

📍 Kingston, Jamaica

- Archival qualitative history and currently state of grassroots politics and election violence in Kingston, Jamaica



TEACHING EXPERIENCE

2012
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2011



Preceptor

Master of Arts Program in the Social Sciences

📍 University of Chicago

- Teaching social science theory, coordinating graduate seminar, and supervising graduate student theses

I have worked in a variety of roles ranging from consultant to data scientist to manager. I like collaborative environments where I can learn from my peers and where growth and innovation are encouraged.

I am passionate about education. I believe that no topic is too complex if the teacher is empathetic and willing to think about new methods of approaching teaching and learning.

2011
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2010



Research Fellow

Alexander Hamilton Center for Political Economy

📍 New York University

- Teaching courses on globalization and political violence to both undergraduate and graduate students



EDUCATION

2012
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2005



ABD, Political Science (Methods & Comparative Politics)

University of Chicago

📍 Chicago, IL

- Focused on the the uses and consequences of violence during elections, including fieldwork in Kingston, Jamaica
- Methods included network flow models, spatial estimation, multilevel models, Bayesian estimation, and agent-based models

2007
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2005



MA, Political Science

University of Chicago

📍 Chicago, IL

2005
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2003



MPP

University of Chicago

📍 Chicago, IL

- Graduated with Honors
- Thesis: Agent Based Sumulation of Violence in Electoral Competitions

1998
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1994



BA, Economics

The College of William & Mary

📍 Williamsburge, VA

- Thesis: An Economic History of the Second Bank of the United States



SELECTED PRESS (ABOUT)

2018



#WeAreChicago: Chris Haid⁴

A Better Chicago



LINKS

1: <https://www.data-whiz.com/>

2: <https://bit.ly/3KLZDUK>

3: <https://github.com/almartin82/njschooldata>

4: <https://www.abetterchicago.org/blog/wearechicago-chris-haid>