

# Steven Bhardwaj

# Full-Stack Data Science

- Data Scientist with a background in Civil Engineering.
- Spent six years as a parent after Econ grad school, combined with passion projects in Early Child Education.
- Now re-entering the USA "data" workforce fulltime; while located 6 months/yr in Rwanda for the education project.

## CONTACT

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## SKILLS

Python, SQL, Excel  
AWS, GNU/Linux  
Econometrics, ML  
Data Visualization  
Economic Analysis  
Civil Engineering

## EDUCATION

### Data Science Bootcamp

General Assembly, AU  
March 2022

### M.A. Economic Policy

Boston Univ, USA  
2013

### M.S. Construction Engr.

Missouri S&T, USA  
2010

### B.S. General Engineering

Swarthmore College, USA  
2006

## LOCATION

New Hampshire (~6 m/yr)  
Rwanda (~6 months/year)  
USA Citizen

## LANGUAGES

### Fluent

English

### Proficient

Chinese (Mandarin)

Spanish

French

## PORTFOLIO HIGHLIGHTS

### rongzi

[rongzi.bhrdwj.net](http://rongzi.bhrdwj.net)

Apr 2022

Python, Graph data structure, Streamlit interactive dashboard

*"Find optimal network paths connecting Chinese characters based on shared components."*

### predwikt

[predwikt.bhrdwj.net](http://predwikt.bhrdwj.net)

Dec 2021

Python + SQL (SQLAlchemy) on AWS, ETL

*"Forecast tomorrow's wikipedia traffic. ETL of wikipedia dumps into time series."*

### tunasoma app

[tunasoma.bhrdwj.net](http://tunasoma.bhrdwj.net)

Apr 2021

Product design, Google Firebase, Google Sheets Script Editor

*"Prototype: Wearable app leveraging speech-to-text for earlier toddler reading."*

## EXPERIENCE

### Data Analyst Intern

seerdata.ai

Nov 2021 - Jan 2022

Python

*"Update economic/demographic prediction model with recent public data."*

- Retrofit data-cleaning pipeline for new data formats from Australia Bureau of Stats.

### Early Reading Program

[childteachingchild.bhrdwj.net](http://childteachingchild.bhrdwj.net)

2013 - present

Cofounder, Program design, Remote project management

*"Pilot programs of learning play with infants and toddlers for earlier reading (Rwanda)"*

- Progress: Clear success in 2018; 2021-'22 cohort entirely owned by local partner.

### Parenting/Tutoring

[earlyreadingplaylist.bhrdwj.net](http://earlyreadingplaylist.bhrdwj.net)

2015 - 2021

- Full-time parenting and tutoring my daughter from birth to age 5.
- Refined "Early Reading" and other early-child-education methods.

### Graduate Teaching Assistant

Boston University

2012 - 2013

- Taught Economics 101 recitations

### Field Engineer

Skanska USA Civil

2009 - 2010

- Jobsite coordination, inspections for general contractor on NYC railroad tunnel project.

*Recommendations available upon request*