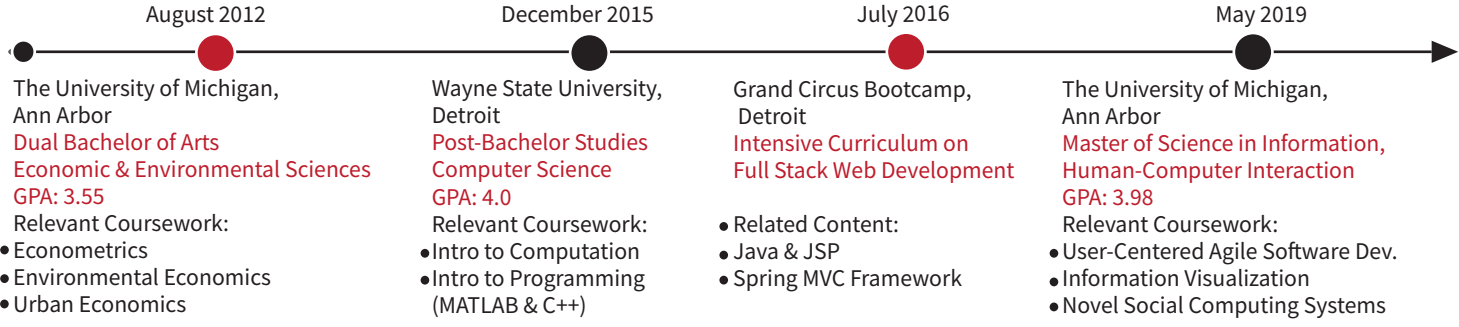# Rahul Bonnerjee
Data Scientist and Developer

Location | Corktown, Detroit, MI

Contact | Rahul.Bonnerjee@gmail.com
248-893-5393

Web | www.rahbjee.github.io
github.com/rahbjee

RB

EDUCATION

August 2012

The University of Michigan, Ann Arbor
Dual Bachelor of Arts
Economic & Environmental Sciences
GPA: 3.55
Relevant Coursework:
- Econometrics
- Environmental Economics
- Urban Economics

December 2015

Wayne State University, Detroit
Post-Bachelor Studies
Computer Science
GPA: 4.0
Relevant Coursework:
- Intro to Computation
- Intro to Programming (MATLAB & C++)

July 2016

Grand Circus Bootcamp, Detroit
Intensive Curriculum on Full Stack Web Development
- Related Content:
- Java & JSP
- Spring MVC Framework

May 2019

The University of Michigan, Ann Arbor
Master of Science in Information, Human-Computer Interaction
GPA: 3.98
Relevant Coursework:
- User-Centered Agile Software Dev.
- Information Visualization
- Novel Social Computing Systems

EXPERIENCE

Data Scientist | *Ford Motor Company* — 2018-Present
Developed data pipelines to automatically acquire, process, and analyze market & customer data in order to optimize data privacy processes and business planning calculations
Languages & Tools used: Python, SQL, Alteryx, Tableau

Graduate Student Instructor | *The University of Michigan* — 2018
Part of instructional team for SI 110: Introduction to Information Studies - a comprehensive course that promises foundational knowledge in information literacy by covering a wide range of issues regarding the current Information Revolution / Age. These topics include user experience, privacy vs. personalization, and cultural effects.

Software Developer Internship | *Grubbable Inc.* — 2016-2017
Second developer to join startup with mobile application promoting restaurants that source local & natural foods by offering virtual coupons. I made modifications to their Ruby on Rails source code which maintained their website & mobile application using the Ionic framework.

Compliance Consultant | *ServoTech Engineering Inc.* — 2013-2015
Devised Excel VBA Macros to parse & visualize standardized vehicle emission testing data to aid in the recalibration of internal combustion engines modified to run on compressed natural gas (CNG). Subsequently, would relay satisfactory results to regulatory agencies for production certification.

Google Guide | *University of Michigan + Google partnership* — 2012
Consulted academic departments & offices while The University of Michigan Ann Arbor campus transitioned to adopt Google's "Apps for Education" for a suite of IT services including e-mail, calendar scheduling, and real-time collaboratilon using cloud-based documents.

SKILLS

01 Computer

Adobe Creative Cloud
Alteryx
ArcGIS
Microsoft Office Suite
GitHub & git
HTML & CSS
Javascript & Jquery
Java
Objective-C & Swift
Python
R
SQL

02 Knowledge

Survey Design
Economic / Policy Analysis
Object - Oriented Programming
User Interface Design
Usability Testing
Database Administration
Google Analythics & SEO

LEADERSHIP POSITIONS

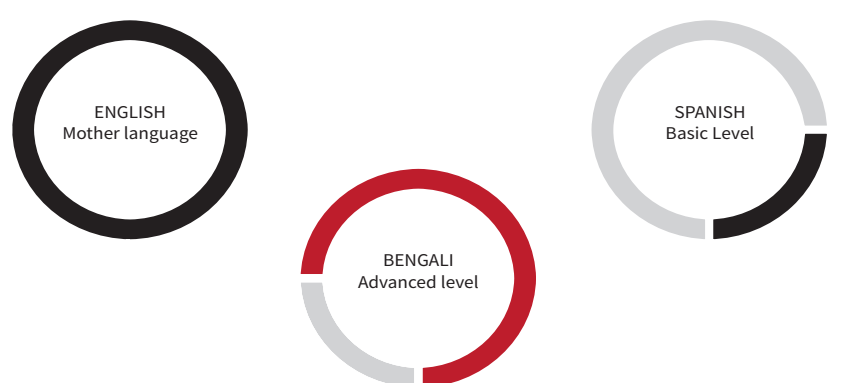**Crew Leader** | *Student Conservation Association* — 2013-2017
Led 3 community conservation crews consisting of ten inner-city high school students aged 14-19. Collaborated with governmental agencies, corporate sponsors, and other non-profit partners to provide a positive youth employment program that offered professional development & environmental education.

Co-President | *The Roosevelt Institute - University of Michigan Chapter* — 2008-2012
Involved in student-run policy think tank for 4 years while I was an undergraduate student. As a senior, I was elected co-president and championed the publication of a "Blueprint for Millenial Michigan" to outline policy goals across our state. Also helped to plan events such as policy writing workshops & conferences to empower students to voice their opinions on issues that mattered most to them.

RECOGNITIONS

2009 — Most Innovative Policy Award
Implementing policy to promote hybrid taxicabs
City of Chicago

2008 — The Michigan Experience Award
For contributions to academic diversity
The University of Michigan

LANGUAGES

ENGLISH
Mother language

BENGALI
Advanced level

SPANISH
Basic Level

HOBBIES & INTEREST

Sports

Music

Videogames

Fitness

Travelling

Books