

roshan krishnan

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EDUCATION Master of Science: Environmental Justice, Expected May 2021

University of Michigan, Ann Arbor, MI
Current G.P.A.: 4.0

Bachelor of Science: Double Major in Music Engineering and Computer Science, May 2016

University of Miami, Coral Gables, FL
Cumulative G.P.A.: 3.89

SKILLS

Microsoft Office • R • ArcGIS • QGIS • JavaScript • HTML5/CSS3 • Python • Swift • C • MATLAB • Git

RELEVANT COURSES

Climate Economics & Policy • Science & Technology Policy • Transportation, Energy, & Environment
GIS • Geovisualization • Statistics • Energy Justice • Enviro. Justice & The Flint Water Crisis • Ecology
Economics & Environmental Justice • Environmental Anthropology • Political Ecology • Data Mining

EXPERIENCE

Mighty Earth, Washington, D.C. (Remote)

Environmental Campaigns Fellow, June 2020 – August 2020

- Support Mighty Earth's Rapid Response reporting by collecting and organizing data on palm oil traders' connections to deforestation across Southeast Asia
- Collect, summarize, and analyze media reporting on palm oil issues in Southeast Asia in order to inform internal campaign strategy

Graduate Student Instructor, University of Michigan, Ann Arbor, MI

HONORS 230: Violent Environments, Dr. Omolade Adunbi, January 2020 – May 2020

- Lead discussion sections and hold office hours to help students understand course concepts around global oil politics
- Grade student assignments and papers

Graham Sustainability Institute, University of Michigan, Ann Arbor, MI

Environmental Justice Research Assistant, October 2019 – December 2019

- Conduct research for the President's Commission on Carbon Neutrality to determine environmental justice implications of transitioning the University of Michigan's campus to 100% carbon neutrality
- Review literature on the history of environmental justice and assist in compiling definitions and determining standards of environmental justice for the PCCN to follow

Bose Corporation, Framingham/Brighton, MA

Mobile Software Engineer, June 2016 – December 2019

- Worked within a team to architect and implement features in the Bose Music mobile application
- Resolved defects and optimize existing features in the Bose mobile codebase
- Presented and participate in internal conferences and educational sessions

National Climate and Environmental Justice Working Group, Democratic Socialists of America

Steering Committee Member, February 2018 – February 2019

- Served as elected member of 10-person committee overseeing national environmental justice activities within the organization
- Created educational materials about basic environmental justice concepts for DSA members and the general public

- Organized calls to keep members informed of local and national campaigns and events
- Helped run the @DSA_Enviro Twitter account to highlight local and national campaigns, raise awareness of environmental justice issues, and build a following of over 15,000 people

Climate and Environmental Justice Working Group, Boston Democratic Socialists of America

Founding Member, February 2017 – August 2019

- Organized the local group and facilitated recruitment and mobilization of new members interested in environmental justice issues
- Helped organize monthly meetings as well as internal and external educational events, flyer sessions, and canvasses

FORE Center, University of Miami, Coral Gables, FL

Student Research Assistant, Dr. Chris Bennett, September 2013 – May 2014

- Assisted in interdisciplinary research in audio and biomedical engineering
- Helped code an iOS application for use by physicians treating recovering amputees

PRESENTATION • “Materiality, Spatiality, Temporality: Lithium Mining and Environmental Violence,” Dimensions of Political Ecology Conference, February 2020

AWARDS/ HONORS

- University of Michigan School for Environment and Sustainability Academic Merit Fellowship (Fall 2019)
 - University of Michigan School for Environment and Sustainability Dean’s Fellowship (Winter 2020, Winter 2021)
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ACTIVITIES

- Member, Minorities in Agriculture, Natural Resources, and Related Sciences (MANRRS)
- Member, University of Michigan Graduate Employees Organization 3550