

Vinayak Ravichandran

Email: vinayak1ravichandran@gmail.com; vravich@ncsu.edu

Phone: (919) 272-2159

Mailing Address: 9235 Stone Mountain Rd. Raleigh NC

Education

North Carolina State University, Raleigh, NC

- B.S. in Computer Science; B.S. in Applied Mathematics
- Expected Graduation: December 2022
- GPA: 3.972

Research & Projects

The Effect of Discharge on Functional Feeding in the Watauga River, NC

- Conducted a research project through NC School of Science and Mathematics and published a peer reviewed research paper (2018)
- Presented the research project at State of North Carolina Undergraduate Research and Creativity Symposium (SNCURCS, 2019)
- Awarded the Catalyst Award (2018) and NC Science, Mathematics, and Technology Student award (2019)

Other Projects

- Explored several topics related to data science including linear classification and data compression through a series of small projects
- Github: github.com/vravich01

Work Experience

Chief Operating Officer & Head Director of Nativus Initiative Inc. (Nonprofit)

- Founded and managed a nonprofit organization dedicated to engaging members of local communities to excel in philanthropy and academics (2017-2020)
- Hosted fundraisers for NAMI and Habitat for Humanity, raising upwards of \$15,000
- Created a citizen science program, Streamwatch+, in conjunction with NCDEQ

Skills & Relevant Courses

- Proficient in Java, C/C++, Matlab, R, Microsoft Office, G Suite
- Experience with Git/eGit, and Github
- Educated in Software Engineering, Data Structures & Algorithms, Statistics (Inference, Regression)
- Strong mathematical reasoning and application skills