

Vinayak Ravichandran

Education

North Carolina State University, Raleigh, NC

- B.S. in Computer Science; B.S. in Applied Mathematics
- Expected Graduation: December 2022
- GPA: 3.8

Skills & Relevant Courses

- Proficient in Java, Python, C/C++, Microsoft Office, G Suite
- Familiar with JavaScript (Angular, Vue, React), SQL (MySQL, Postgres), MATLAB, R
- Experience with Git/Github, Agile, REST APIs, Docker, Kubernetes
- Educated in software engineering, operating systems, data structures & algorithms

Work Experience

Cloud Software Engineering Intern at Hewlett Packard (2022)

- Worked on an internal tool which other developers rely on to access deployment information of cloud data service applications
- Implemented functional and efficiency improvements in the frontend and API
- Performed end-to-end development and testing to integrate new features
- Learned about developing cloud applications using technologies like Kubernetes
- Learned about Agile workflow processes and practiced soft skills such as demos

Research & Projects

Modeling The Effect of Discharge on Functional Feeding Groups

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

Other Projects

- Explored topics such as linear classification, data compression, model training, and estimation methods through a series of small projects
- Implemented solutions to popular concurrent programming problems using C
- Github: github.com/vravich01