# Rashaad Ratliff-Brown

(407) 808-1279
Raleigh, NC
rashaad.ratliffbrown@gmail.com

GitHub: rmratliffbrown
LinkedIn: rashaad-ratliff-brown

## EDUCATION

**Duke University**                                                                                     Durham, NC
*Masters of Science in Interdisciplinary Data Science*                                           MAY 2023

- **Relevant Coursework:** Modeling and Representation of Data, Practicing Data Science, Natural Language Processing, Data Engineering Systems, Unifying Data Science, Machine Learning, Data Analysis in Cloud

**University of North Carolina at Charlotte**                                           Charlotte, NC
*Bachelor of Science in Computer Science*                                                       DEC 2020

## TECHNICAL EXPERIENCE

**STEREOLITHOGRAPHY TECHNICIAN**                                            OCT 2017 — MAY 2019
*Proto Labs*                                                                                             *Raleigh, NC*

- Operated and maintained rapid prototyping hardware and software in accordance with defined procedures to build high-quality models safely and efficiently
- Tested and debugged build prep application and teamed with system designers to improve productivity
- Collaborated with build prep primary, process engineering, and quoting personnel on timelines to complete customer orders based on established ship dates
- Reported to supervisors across departments on parts quality, process status, and production schedules

**ENGINEERING INTERN**                                                               MAY 2017 — AUG 2017
*Accu Tech USA*                                                                                    *Wake Forest, NC*

- Assisted customers using SolidWorks to design and modify orders
- Developed a more efficient solution to lubricate hardware bearings to extend hardware longevity
- Supported project engineers and engineering managers on programming software to operate mechanical prototypes

## SKILLS

| | |
|---|---|
| **Tools and Languages** | Python, R, Java, C, C++, JavaScript, HTML, CSS, SQL, LaTeX, MarkDown |
| **Big Data & Machine Learning** | Spark, Hadoop, MongoDB, Python (eg. scikit-learn, numpy, pandas, matplotlib, altair) |
| **Data Science & Misc. Technologies** | A/B testing, ETL, Data Science Pipeline (Cleansing, Wrangling, Visualization, Modeling, Interpretation), Statistics, Time Series, Experimental Design, Hypothesis Testing, OOP, OOD, APIs, Git |

## PROJECTS

Modeling and Representation of Data: Effects of Job Training on Wages
Modeling and Representation of Data: streetRx and Voting in NC
Data Engineering: Strava Microservice - Continuous Delivery of FastAPI Data Engineering API on AWS
Data Engineering: Strava CLI
Practical Data Science: Estimating the Impact of Opioid Control Policies