



# August Majtenyi

919-302-8823 ♦ [ajmajten@ncsu.edu](mailto:ajmajten@ncsu.edu) ♦ [GitHub](#) ♦ [LinkedIn](#) ♦ [Portfolio Website](#)

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An enthusiastic explorer who highly values leveraging data for strategic business decisions.  
Heavily utilizes storytelling visualizations for communicating complex concepts.

**Programming:** Python, R, SQL, JavaScript ♦ **Statistical Software:** PowerBI, Tableau

**Certifications:** PCEP – Certified Entry-Level Python Programmer

## EDUCATION

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### Master of Science ♦ Analytics

May 2025

Institute for Advanced Analytics, NC State University, Raleigh, NC

### Bachelor of Science ♦ Design

May 2021

The Ohio State University, Columbus, Ohio

## PRACTICUM

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### Academic Programs International

August 2025 – Current

#### Team Lead

- Optimizing a housing selector tool in Python to enhance customer and employee experience
- Analyzing economic trends and building predictive models to forecast housing market prices
- Leveraging exploratory data analysis to extract insights from unstructured survey datasets
- Managing project tasks using GitLab and maintaining comprehensive documentation
- Presenting key findings to stakeholders to drive informed decision-making

## WORK EXPERIENCE

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### KIOTI Tractor

Wendell, North Carolina

#### Jr. Business Analyst

August 2023 – May 2024

- Crafted dashboards in PowerBI that saved 100+ hours of efficiency in multiple departments
- Pioneered daily sales monitoring for company executives
- Aggregated data from SQL for monthly vendor reports to determine market share

### PAST Foundation

Columbus, Ohio

#### Research Associate

July 2022 – July 2023

- Summarized quantitative/qualitative data from 700+ students
- Identified significant trends of STEM Identity in R following previous literature<sup>i</sup>
- Taught JavaScript and 3D modeling to youth ages 10 – 18<sup>i</sup>

### Smart Columbus

Columbus, Ohio

#### Design Research Intern

September 2021 – June 2022

- Analyzed and presented data to inform \$15M investment by the City of Columbus<sup>i</sup>
- Recruited 40 under-resourced residents for Human-Based Design Research
- Conducted interviews and workshops with 100+ Digital Divide Stakeholders<sup>i</sup>

## PERSONAL PROJECTS

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- **Lifecycle Investing:** Incorporated game theory into my wealth management<sup>i</sup>
- **Stick Figure Boxing:** Created a light-hearted 2v2 online melee game<sup>i</sup>
- **Shots Fired:** Invented a fast-paced, sharp-shooter coin game<sup>i</sup>

Last Updated: 12/02/2024