

# Macsen Higgins

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macsenhiggs

## Programming Languages and Software Knowledge

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- Java, R, Python, Git, C#, MS Office, SQL, SAS, HTML

## Education

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### BS in Computer Science

*Kennesaw State University - Marietta, GA - December 2026*

- Minor in Data Science and Analytics
- Enrolled in Honors Scholars Program
- GPA 3.96

### High School Diploma

*The Paideia School - Atlanta, GA - May 2022*

## Portfolio

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### Personal Website

<https://macsenhiggs.github.io>



- Developed a professional portfolio website hosted via GitHub Pages to showcase end-to-end data science and analytics workflows
- Authored technical articles documenting project methodologies, including data cleaning, exploratory analysis, and statistical modeling
- Key projects include:
  - Applying Self-Referential Grades to NFL Quarterback Play
  - Evaluating NFL QB Progression Through Time-Decay Weighted Averages
  - Visualizing NFL Rushing Offense Through Run Gap and Location Data
- Projects in progress include:
  - Analyzing the NYC Taxi System Using Spark Big Data Tools
  - Electricity Grid Load Forecasting with LSTMs in TensorFlow
  - Measuring Opioid Addiction Treatment Plans by Positive Outcome Rate

## Experience

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### The Optimist

*Atlanta, GA*

#### SERVER & BARBACK

*May 2023 - Present*

- Maintained consistent organization and remarkable service in a fast-paced upscale restaurant environment
- As server, maintained constant communication among nearby servers to provide and utilize assistance as needed
- As server, balanced pacing and other needs for multiple groups of guests simultaneously
- As barback, kept juices, wine, beer and spirits stocked while serving as key support line for bartending team
- Exceeded guest expectations to provide an unforgettable service experience

### Howell Station Pizza Company

*Atlanta, GA*

#### FOUNDER

*Summers 2020-2022*

- Founded and managed a start-up Neapolitan pizza kitchen and delivery service aimed at the local community during the COVID-19 pandemic
- Established, optimized, and enforced business policies to maintain consistency across operations