

# Matthew H. Gray

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## Profile

I'm a certified scrum master with 3-years experience as QA analyst. I have analyzed diverse sets of data in different industries. My analysis has been dedicated to improving the quality of user experience and functionality of applications.

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## Experience

2020 - present

**Data Scientist apprentice, Nashville Software School- Nashville, TN**

*[NSS](#) is dedicated to expanding the technology workforce in middle Tennessee.*

- Developed shiny [application](#) to visualize US healthcare spending by disease
- Developed streamlit [application](#) to visualize referrals in the healthcare system

2020 - present

**Sr. QA Analyst, L3Harris- Nashville, TN**

*[L3Harris](#) meets our customer demands across air, land, sea, space, and cyber.*

- Maintain test plans to keep historic record of software release
- Communicate defects to product owner and developers so that it's easier for them to fix it
- Analyze automation tool TestComplete for the company to ensure it's a valid investment
- Promoted to DevOps Owner to ensure work in progress is minimized for each sprint using Azure

2018 - 2020

**Jr. QA Analyst, Hilton- Memphis, TN**

*[Hilton](#) is a multinational hospitality company.*

- Launch connected room project to over 70 hotels
- Created a document that was used for over 9000 rooms as a way to guide installers on how the device was to be set up to the different TV's in guest's room
- Mined data with SQL and tableau to visualize test results from automated tests which gave stakeholder an ease of mind that the software was 'working'

2016 - 2017

**English Teacher, English First- Wuhan, China**

*English [First](#) is an international education company that specializes in language training.*

- Created lesson plans to teach over 150 students
  - Managed 15 classrooms a week
  - Communicated lessons through games and interactive PowerPoints. This increased student engagement and retention of the materials in class.
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## Education

**2021 Data Science**

*Nashville Software School, TN*

**2016 BA in Economics**

## Technical Skills

Python (Streamlit application, Plotly, ML with pytorch and Tensorflow)  
SQL (MySQL)

*University of Memphis, TN*

R Studio (Shiny Applications)

Affinity Photo (graphics editor)

Affinity Designer (vector graphics)

Intermediate Mandarin