

# Mostafa Rezaee, Ph.D.

(419) 315-7481 | [mostam@bgsu.edu](mailto:mostam@bgsu.edu) | [linkedin.com/in/mostafa-m-rezaee](https://www.linkedin.com/in/mostafa-m-rezaee) | [github.com/Mostafa-M-Rezaee](https://github.com/Mostafa-M-Rezaee)

## SUMMARY—> LIST 5 OF THEM ONLY

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- Green Card Holder
- Ph.D. in Data Science
- M.Sc. & B.Sc. in Physics

## EXPERIENCE

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- Undergraduate Research Assistant** June 2020 – Present  
*Texas A&M University* *College Station, TX*
- Developed a REST API using FastAPI and PostgreSQL to store data from learning management systems
  - Developed a full-stack web application using Flask, React, PostgreSQL and Docker to analyze GitHub data
  - Explored ways to visualize GitHub collaboration in a classroom setting
- Information Technology Support Specialist** Sep. 2018 – Present  
*Southwestern University* *Georgetown, TX*
- Communicate with managers to set up campus computers used on campus
  - Assess and troubleshoot computer problems brought by students, faculty and staff
  - Maintain upkeep of computers, classroom equipment, and 200 printers across campus
- Artificial Intelligence Research Assistant** May 2019 – July 2019  
*Southwestern University* *Georgetown, TX*
- Explored methods to generate video game dungeons based off of *The Legend of Zelda*
  - Developed a game in Java to test the generated dungeons
  - Contributed 50K+ lines of code to an established codebase via Git
  - Conducted a human subject study to determine which video game dungeon generation technique is enjoyable
  - Wrote an 8-page paper and gave multiple presentations on-campus
  - Presented virtually to the World Conference on Computational Intelligence

## EDUCATION

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- Ph.D. in Data Science** Sep. 2019 – May 2024  
*Bowling Green State University* *Ohio*
- M.Sc. & B.Sc in Physics**  
*Shahid Chamran University of Ahvaz*

## PROJECTS

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- Gitlytics** | *Python, Flask, React, PostgreSQL, Docker* June 2020 – Present
- Developed a full-stack web application using with Flask serving a REST API with React as the frontend
  - Implemented GitHub OAuth to get data from user's repositories
  - Visualized GitHub data to show collaboration
  - Used Celery and Redis for asynchronous tasks
- Simple Paintball** | *Spigot API, Java, Maven, TravisCI, Git* May 2018 – May 2020
- Developed a Minecraft server plugin to entertain kids during free time for a previous job
  - Published plugin to websites gaining 2K+ downloads and an average 4.5/5-star review
  - Implemented continuous delivery using TravisCI to build the plugin upon new a release
  - Collaborated with Minecraft server administrators to suggest features and get feedback about the plugin

## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R  
**Frameworks:** React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI  
**Developer Tools:** Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse  
**Libraries:** pandas, NumPy, Matplotlib