

J.D. Gi

Data Engineer

Technical Skills

- Python, R, Java, PHP, SQL, GIT, LaTeX, HTML & CSS
- Relational databases (Tableau, Power BI), MS Suite, G Suite, Canva, Figma, Team Management, Agile Scrum
- Typing Speed: 95 wpm

Professional Experience

COMMITTEE CHAIR, BASIC NEEDS SPECIAL PROJECTS: HOLYOKE COMMUNITY COLLEGE (SEP 2021 - MAY 2022)

- Responsibilities and Accomplishments:
- Developed basic needs equity platform with Python inventory software.
- Implemented a comprehensive budget, fully funded by Title III grants.
- Distributed 400+ essential supplies to the campus community.

Projects

PACEAWARE DEMENTIA CAREGIVER TOOL - OPEN-SOURCE MOBILE APP

- Alerts for dementia wandering intervention (92% accuracy)
- Python API for wearable devices provides caregiver support

COLORFIND MOBILE APP - MINIMUM-VIABLE PRODUCT

- Expands color-blind fashion access with multi-level outfit matching
- Developed in Figma with extensive A/B testing by target demographic

Education

BS DATA SCIENCE - UNIVERSITY OF MASSACHUSETTS, AMHERST MA (SEP 2022 - MAY 2024)

- Chancellor's List (3.98 GPA)
- Outstanding Undergraduate Achievement (2024): For inclusive leadership, commitment to social justice, and advocacy for marginalized identities
- Undergraduate Researcher: Investigated transit access for students with disabilities

AAS IT MANAGEMENT - HOLYOKE COMMUNITY COLLEGE, HOLYOKE MA (JAN 2020 - JUN 2022)

- Valedictorian
- Student Trustee & Student Senator (2020-2021)
- Contributed to campus anti-racism efforts within the Safety Task Force

Certificates & Awards

- Certified IRB Professional (2023)
- National Science Foundation scholarship recipient (2020-2024)
- Workforce Development & Customer Support, Thryv Consulting (2020)