

# J.D. Gi

## Data Engineer

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### Languages & Technical Skills

#### Languages:

- Python, R, Java, PHP, SQL, GIT, LaTeX, HTML & CSS

#### Technical Skills:

- Relational databases (Tableau, Power BI), MS Suite, G Suite, Canva, Figma, Team Management, Agile Scrum
  - Typing Speed: 95 wpm
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### 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.
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### 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
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### Education

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

- Chancellor's List (3.97 GPA)
- 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
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### Certificates & Awards

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