Christopher James Walker

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Education

Aug 2021 - Aug 2024	**MS, Analytics** Georgia Institute of Technology | Online
Aug 2016 - May 2020	**BS, Urban and Regional Planning, Minor in Economics** Texas A&M University | College Station, TX **Phi Kappa Phi Honors Society | Gathright Scholar | Dean's List Recipient** **Aggie Research Scholar:** Forecasting Home Values after Hurricane Florence

Work Experience

Fannie Mae | Washington, DC

May 2023 - Present	**Senior Data Scientist** Models and researches data from Desktop Underwriter, America's leading mortgage underwriting engine. Teaches courses on functional programming and process design internally. Maintains internal R package to help analysts securely connect to data sources.
Sep 2021 - May 2023	**Data Scientist** Researched and developed credit risk models used within Desktop Underwriter. Developed and taught courses on process design internally.
Jun 2020 - Sep 2021	**Data Analyst** Participated in a 12 week full time training in SQL, R, and Python. Onboarded to the DU Research Team. Taught course on functional programming to new hires.

Cedar Frame | College Station, TX

Jan 2020 - May 2020	**Project Management Intern** Developed land value forecasts using Python and Facebook Prophet. Stress tested forecasts under different economic assumptions.

Masterplan | Dallas, TX

Aug 2019 - Dec 2019	**Development Intern** Worked closely with government agencies and land developers to help secure building permits. Developed presentations and 3D models of site plans.

Fannie Mae | Plano, TX

Jun 2019 - Aug 2019	**Business Analyst Intern - Chief Operating Office** Wrote scripts which automated data transformation tasks in Python. Generated challenger cash balance forecasts.

Activities and Experiences

May 2021	**Volunteer** International Harvest | Rockville, MD Volunteered for a food drive to provide meals to families during the pandemic
Apr 2018	**Conference Speaker** National Planning Conference | New Orleans, LA Designed and presented mixed-use development with an emphasis on affordable housing, walkability, and urban renewal in a suburban environment.

Personal Website
chrisjameswalker.com

Created dataclass
- Data validation in R
- Open source on CRAN

Skills
- Python
- R/tidyverse
  - dplyr
  - ggplot2
  - tidyr
- SQL

Interests
- Data Analytics
- Economics
- Finance
- Mortgage Lending
- Real Estate
- Affordable Housing
- Risk Management
- Solving Problems