

## Education

---

- Aug 2021 - Present **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