

# Derek Whitaker

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Mixed methods researcher seeking consulting and design roles where my skills in ethnographic research and data analysis can identify and solve for unmet customer needs.

## SKILLS

Human-Centered Design  
Task Analysis  
Concept Maps  
Stakeholder Maps  
Customer Journey Maps  
Affinity Diagrams  
Surveys  
Interviews  
Field Studies  
Focus Groups  
Participant Observation

Coding  
Python  
SQL  
HTML/CSS

Analysis & Visualization  
NumPy  
Pandas  
Matplotlib  
Seaborn

Machine Learning  
Scikit-learn  
TensorFlow

Languages  
French  
Spanish  
English

## EDUCATION

### Université de Toulouse MA in Anthropology

Toulouse, France | September 2016 - September 2018  
Highest Honors (4.0 GPA)

### University of Mary Washington BA in Anthropology

Fredericksburg, Virginia | August 2009 - May 2013  
Summa Cum Laude (3.79 GPA)

## PROJECTS

### LendingClub Borrower Analysis Personal Project

Washington, D.C., USA | July 2020

- Analyzed and visualized borrower data with Python, NumPy, and Seaborn.
- Cleaned and preprocessed data to prepare it for model creation and testing.
- Created and evaluated a model with TensorFlow and Keras that predicted with 89% accuracy if a potential borrower would pay back their loan.

### Dwelling in Monastic Space Master's Thesis

Toulouse, France | September 2016 - September 2018

- Wrote grant proposals for and was twice awarded the Université de Toulouse's selective field research grant (<10% of applicants accepted).
- Collected, organized, and analyzed quantitative and qualitative data.
- Managed financial and logistical aspects of 5 months of ethnographic fieldwork in El Rosal, Colombia and Fontgombault, France.
- Presented research at two conferences: *Anthropologie spécialisée* (December 2017) and *Empreintes sonores* (December 2018).

### Le Couvent de Saint-Geniez Collaborative Field Work

Saint-Geniez-d'Olt, France | November 2016

- Performed collaborative ethnographic fieldwork, including 15+ hours of stakeholder interviews and 30+ hours of participant observation.
- Wrote and delivered a presentation discussing research and results at the conference *L'apparent & l'invisible* (December 2016).
- Drafted, edited, and formatted an article for publication in *Les Annales du Midi*.

## WORK EXPERIENCE

### Substitute Teacher Fairfax County Public Schools

Fairfax, Virginia | January 2020 - Present

- Provide distance learning support to general and special education students at Garfield Elementary School.
- Collaborate with grade level teachers and subject matter specialists to develop lesson plans adapted to individual student needs.

### Administrative Associate Collège Raymond Badiou

Toulouse, France | September 2017 - September 2019

- Assessed and resolved problems in the school's daily operations, and authored reports for senior administrators concerning major incidents.
- Collaborated with team members to design and implement process improvements for disciplinary procedures and study hall protocols.