

# Guedem Dara

## Education

UNIVERSITY OF MONTANA - Missoula, Montana

- 2018-05      Masters of Science: Business Analytics**
- 2015-05      Masters of Arts: Economics with a minor in Mathematics**  
MASTER'S THESIS: "The Impact of the South African Child Support Grant on Children's Nutritional Status"
- 2011-12      Bachelor of Arts: Economics**
- 2010-05      Associate of Arts: Pre-Economics studies**

## Course Work

- Advanced Econometrics
- Applied Data Analytics
- Applications to Mining Big Data
- Data Analytics and Innovation
- Empirical Research Methods
- Machine Learning
- Management Seminar
- Quantitative Analysis
- Statistical Methods
- Text Mining of Unstructured Data

## Work History

- 2022-06 - 2022-10      Data Analyst (Intern - remote)**  
Akros, ([www.akros.com](http://www.akros.com))
- Created READ-ME files (Internal and external versions) that provide additional information on the Reveal dataset that is relevant to data interpretation and additional analysis by persons unfamiliar with Reveal datasets.
  - Streamlined analysis guidelines in a stepwise fashion that took into account the different software packages being used within the company (i.e., ArcGIS, Stata, R).
  - Standardized data management, data entry, and analysis in Stata17.
  - Created standardized data dictionary for internal use and external partner sharing.
  - Created standard templates for data visualization.
- 2021-10 - 2022-03      Procurement & Disposition Coordinator (temp.)**  
Glacier Bancorp Inc., Missoula, Montana
- Information Technology Asset tracking. Maintain up to date inventory (computer and hardware equipment) for the organization, and related documentation and technical specifications.
- 2016-01 - 2016-10 & 2017-02 - 2017-05      Data Administrator**  
NewNet Services, Missoula, Montana
- Used SQL to write queries, to modify and to update telecommunication companies' data.
  - Trained newly hired workers to use AutoCAD Map3d engineering software and assisted clients.

## Personal Information

Email:  
[guedem.dara@outlook.com](mailto:guedem.dara@outlook.com)

Place of Residence:  
Missoula, MT

## Skills

AutoCAD  
R  
Python  
SPSS  
SQL  
STATA  
Weka  
Microsoft Products  
Microsoft Power BI  
Tableau

## Languages

Fluency in English and French

# Work History Continue

## 2015-10 - Intern

2016-03 DataSmart Solutions, DSS, Missoula, Montana

- Analyzed consumer data, using SQL and R, under the direction of the DSS Analytic Scientist. Loaded data into DSS's proprietary data base. Maintained DSS Benchmarking / Reporting. Maintained proper procedures for dealing with Personal Health Information (PHI) and followed Health Insurance Portability and Accountability Acts (HIPAA) guidelines and rules. Supported submission of articles for professional journals. Completed classes in Information Systems, Data Analysis, Healthcare Informatics, and Project Management. Managed few projects using Scrum.
- Co-publication **of whitepaper**: "Health-Based Consumer Analytics: Bending Trend by Design, Not by Chance" by Damon Shepherd MS, Guedem Dara MA, Caitlin Swift MA, and Mary Kay Bogumill PhD. Predictive Modeling News. Volume 9, Number 2. February 2016. Link to the [white paper](#).

## 2008-05 - University of Montana, Missoula, Montana 2018-22

**Period between jobs:** Concurrently reviewed my Economics and Data Analytics UM courses, improved (Stata, R, SQL) and learned new skills (Power BI & more from UdeMy) while waiting on work permit. 2018-09 – 2021-10.

**Student Summer Jobs** at UM Residence Life, custodian: 2008-05 – 2010-08. Painter: 2011-05 – 2018-08.

**Student Administrator** at UM Dining, 2014-09- 2018-05. Researched and compared meal plan offerings and costs at 100 competing universities, gathered data in Excel to create a report for operational planning purposes of the Director and Meal Plan Specialist.

**Mathematics Lab Assistant** at the Department of Mathematical Sciences, 2013-10 - 2014-05. Managed student appointment sign-in, laboratory computer protection and answered students' technical questions

(In person and via email) regarding R statistical computing software and printing.

**Teaching Assistant** at the Department of Economics, 2013-10 - 2014-05.

Helped an Assistant Professor with homework grading and grade entry into Blackboard, ensuring accuracy and fairness of grades by constantly communicating with the professor.

**House Manager** at the International House, UM, 2010-08 - 2012-08.

Cooperated with international and domestic students, faculty, and community members to plan and set up social events to promote culture, international friendship, diversity, and acceptance.

## Scholarships and Awards

- Distinguished Service and Outreach Award, Spring 2018
- UM Dining Scholarship, Spring 2018
- International Peace Scholarship, 2014-2015
- Outstanding Foreign Student Award, 2014
- The Carol Williams Foundation Scholarship, 2013-2014
- The American Association of University Women Scholarship, fall 2013
- Leadership Achievement Award Scholarship, 2008-2012
- Recognition Certificate for International Student Leadership Role, 2011
- Student Achievement Award, 2010
- Outstanding Employee Award for excellence in performance, fall 2009
- The Bonne Homme Scholarship, spring 2009

## Campus Leadership and Community Engagement

### Leadership Roles:

**Business Analytics (MSBA) Spoke Person**, fall 2017 – spring 2018; **President**, African Student Association, spring and fall 2011; fall 2017 – spring 2018; **Event (Fashion Show) Organizer**, International Food Festival, spring 2009-2011; **Fundraising Coordinator**, Griz for UNICEF, fall 2011; **Treasurer**, African Student Association, 2008-2009.

### Volunteering:

**Aircraft Owners and Pilots Association (AOPA) Fly-In**, Summer 2018; **The Great Bear Foundation**, fall 2017; **The Youth Home**, summers 2013-2016, fall 2015; **Griz for UNICEF**, fall 2010-spring 2012, fall 2015; **The All Abilities Playground**, spring-summer 2013, fall 2015; **Montana Model of United Nations**, November 2011 and 2014; **Girl Scouts**, Meadow High Middle School, spring 2011; **Poverello Homeless Shelter**, fall 2011; **ALTRUSA at Montana Fair**, summer 2010; **French Tutor**, University of Montana, fall 2009; **The Spring Retirement Center**, spring 2008; **The Boys & Girls Club**, spring 2008.