

# KARISHMA CARTER JOHNSON

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Mountain House, CA

209-597-2975

## EXPERIENCE

### Private Tutor

April 2017 - June 2019

Davis, CA

- Communicated and presented lessons to students primarily in mathematics.
- Utilized targeted lessons tailored to students' needs to increase comprehension

### Teaching Assistant in Mathematics

University of California, Davis Teaching Program

March 2017 - June 2017

Robert E. Willett Elementary

- Worked effectively with students at varying degrees of understanding.
- Corresponded with lead teacher to design lesson plans and track student development

### Administrator

Smart Accounting and Tax Solutions

October 2019 - current

Fremont, CA

- Transitioned systems to improve workplace efficiency
- Spearhead data transferral and set up tax-related systems including Lacerte, OfficeTools, AbacusNext, Quickbooks, Outlook
- Aided office migration to new workplace and trained staff

## PROJECTS

### Statistical Data Science

University of California, Davis

March 2019 - Ongoing

Computing data analysis and visualization, and simulation using R. Involving computational reasoning, computationally intensive statistical methods, reading tabular and non-standard data.

### Fractals & the Fractal Dimension

University of California, Davis

March 2018

Understanding the dimensionality, behavior, and measurements of fractals with emphasis on the Mandelbrot and Julia sets.

### Chaos Encryption

University of California, Davis

May 2018

Utilizing nonlinear dynamics to encrypt and decrypt data in text form using chaos synchronization in Matlab.

## ACHIEVEMENTS

- ✓ Academic Award  
High Honors
- ✓ Department Award  
English and Science
- ✓ Professional Pathway Award  
Biomedical Sciences

## STRENGTHS

Problem Solving Hard-working

Interpersonal Skills Ambitious

Motivator & Leader

LaTeX Matlab R Markdown

R Programming Language C

Processing Microsoft OfficeTools

## CODE AND SOFTWARE

LaTeX ●●●●●

Microsoft ●●●●●

Matlab ●●●●●

R ●●●●●

## EDUCATION

### B.S Applied Mathematics

University of California, Davis

Sept 2016 - August 2019

### Minor: Statistics

University of California, Davis