

# CRISTIAN C. CARDONA CASTANEDA

Phone: (777)-555-3333  
Ccardona2@student.gsu.edu

GA-USA

## EDUCATION

---

- |           |  |          |
|-----------|--|----------|
| <b>MS</b> | Georgia State University, Scientific Computing<br>Advisor: Dr. Yi Jiang      | May 2019 |
| <b>BS</b> | Georgia Gwinnett College, Applied Mathematics<br>Minored in Computer Science | Dec 2016 |

## TEACHING EXPERIENCE

---

I have been a private tutor since January 2014 in which I have been able to tutor a variety of topics in Mathematics as well as Chemistry, Computer Science, English composition and Government.

**Georgia State University**, Atlanta Aug 2017 to Present

- Working at the Mile has given me the opportunity to tutor at a much larger volume than I have done up to this point.
- Alternating from College Algebra to Precalculus topics
- Lead review sessions very comfortably
- Proctor exams

**Georgia Gwinnett College**, Lawrenceville Fall 2015

**Teaching Assistant** to Dr. Jennifer Sinclair

- My main task was to guide students through a semester long project which involved Statistics and music, which culminated with a presentation and a typed report in LaTeX. I was available for question with regards to the course material, music, or document formatting.

## RESEARCH EXPERIENCE

---

My experience of research come from several courses in mathematical modeling and applied statistics where projects required data gathering to answer and fulfil the expectations.

**Georgia Gwinnett College**, Lawrenceville Fall 2016

**Associate Professor of Mathematics**, Dr. Marty Thomas

- Gathering data from music (songs).
- Processing the raw data to create meaningful information.
- Programming code to analyze data
- Write and present semester long project.

## **PRESENTATIONS AND INVITED LECTURES**

---

**Research Presentation**, “Random Music: Using Markov Chain to Create Melodies,” Create Symposium, Dec 2015.

**Research Presentation**, “Music and Mathematics Harmonizing Together,” Create Symposium, Dec 2016.

## **LANGUAGES**

---

**Spanish:** Native Language

**English:** Advanced Listener, Advanced Speaker, Advanced Reading and Writing

## **COMPUTER SKILLS**

---

**Programming:** Intermediate Java, Advanced R, Intermediate Matlab, Intermediate Python, beginner C.

**Applications:** Web Development in html and html5 using basic to intermediate approaches of web architecture and implementation.

**Platforms:** IOS, Windows, Linux.

## REFERENCES

---

**Dr. Marty Thomas**, Associate Professor of Mathematics

Department of Mathematics

Georgia Gwinnett College

1000 University Center Lane Office A-1681, Lawrenceville Ga 30043

Phone:

Email:

**Dr. Jennifer L. Sinclair**, Associate Professor of Mathematics

Department of Mathematics

Georgia Gwinnett College

1000 University Center Lane Office W-3151, Lawrenceville Ga 30043

Phone:

Email:

**Dr. Keith A. Erickson**, Associate Professor of Mathematics

Department of Mathematics

Georgia Gwinnett College

1000 University Center Lane Office A-1480, Lawrenceville Ga 30043

Phone:

Email:

**Dr. Stan Perrine**, Associate Professor of Mathematics

Department of Mathematics

Georgia Gwinnett College

1000 University Center Lane Office A-1684, Lawrenceville Ga 30043

Phone:

Email: