



Westerly, RI



646-241-6214



khurtado.dasilva@gmail.com

# Katherine Hurtado-da Silva

## EDUCATION

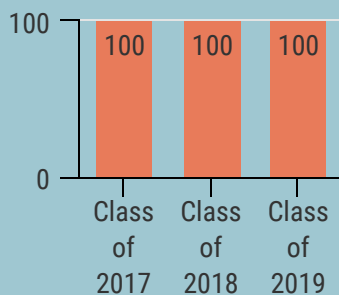
### Syracuse University

Master's Degree in Applied Data  
Science (In Progress)

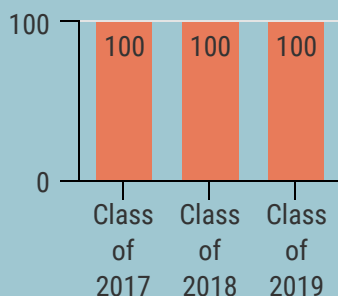
### CUNY Queens College

Bachelor's Degree in Mathematics  
(7-12)

## GRADUATION DATA



● Graduation Rate



● College Acceptance Rate

## CURRENT EXPERIENCE

2020-Present

Naval Undersea Warfare Center Division Newport- Scientist

- Reliability, availability and maintainability analyst for U.S. submarine electronic systems

## LEADERSHIP EXPERIENCE

2017-2019

Harlem Children's Zone: Promise Academy II Charter High School- Principal

- Oversaw curriculum development and implementation of state and federal programs and procedures
- Established and promoted practices that ensured the school's academic standards were rigorous, clear, measurable, and aligned with New York State Learning Standards
- Assisted in the development of the college-bound initiative for both Promise High Schools by providing data collecting templates and concepts meant to incrementally prepare scholars for their post-secondary application process
- Led the implementation of all college-bound initiatives and analyzed collected data to determine if scholars were academically on track to meet their post-secondary goals on a monthly basis
- Implemented college information parent workshops for each grade to reinforce school-community relationships during our scholars' college-bound journey
- Established accelerated course offerings that enabled scholars to complete graduation requirements by the end of 11th grade
- Implemented coursework outlines that enabled scholars to begin taking AP courses as early as 10th grade.
- Consistently reviewed and interpreted data related to scholar performance and achievement for all academic courses to prevent instances of credit deficiencies and to foresee AP course offerings that would best suit the student body
- Established and led retention initiatives for 8th grade scholars to ensure they remained in the Promise Academy pipeline
- Presented academic and school highlights from the high school to the Board of Trustees on a monthly basis
- Performed other duties as assigned

2016-2017

Harlem Children's Zone: Promise Academy II Charter High School- Assistant Principal

- Designed and supervised the development of curricula for Character Education (9-10)
- Designed, coordinated, implemented and monitored a comprehensive guidance program for grades 9-12.
- Designed, coordinated, implemented, and monitored academic school schedules.
- Monitored the implementation of student case conferencing with staff to design and initiate academic interventions
- Responded to administrative/legal/compliance inquiries from parents and other internal and external clients.
- Administered all aspects of college search and admissions process
- Oversaw Advanced Placement testing program and coordinated the administration of PSAT, SAT, and AP Testing

2015-2016

Harlem Children's Zone: Promise Academy II Charter High School- STEM Academic Coach

- Developed curriculum aligned to Common Core Standards in Mathematics and Science
- Organized the Mathematics, Science and Art Departments into course teams that met regularly to modify interdisciplinary curriculum maps, lesson plans, and interventions using student data
- Coached teachers in the development and implementation of lesson plans and assessments
- Conducted school-wide professional development

## TEACHING EXPERIENCE

2010-2015

Harlem Children's Zone: Promise Academy II Charter High School- Mathematics Teacher

- Classes Taught: Integrated Algebra (Regents-based), Geometry (Regents-based), Algebra II & trigonometry (Regents-based), Algebra I Common Core (Regents-based), Geometry Common Core (Regents-based), Algebra II Common Core (Regents-based)
- Created all Mathematics content: unit plans, lessons and assessments with an interdisciplinary focus
- Collaborated with teachers to standardize benchmark assessments and grading policy
- Adapted materials and instructional methods to the interests, needs, and abilities of scholars
- Achieved 94-100% Regents Exam passing rate for all math courses taught each year



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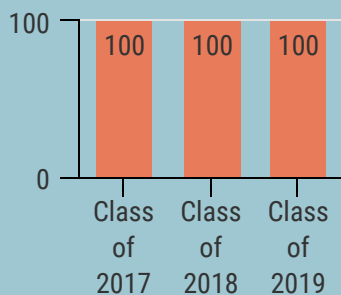
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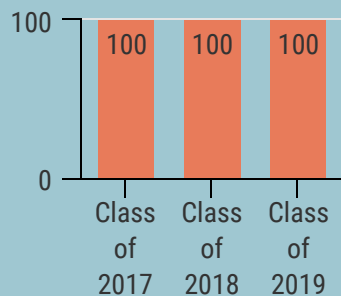
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## ADDITIONAL PROFESSIONAL EXPERIENCE

MARCH 2010

SUNY Old Westbury, LIMACON Presenter

- Organized and led a workshop at the Long Island Mathematics Conference on "Innovative and Alternative Forms of Assessment"

## AWARDS

### CUNY Queens College

- TIME 2000 Graduate, a recipient of a 4-year Mathematics teaching scholarship

### Naval Undersea Warfare Center Division Newport

- Society of Women Engineers (SWE) 2022 Helen Martha Sternberg Award