mnyagis1@binghamton.edu   **Manuel Sande**   718-679-6126
Binghamton, NY

WORK EXPERIENCE

Software Developer   *Aug 18 - Dec 19*
Freelance - Nairobi, Kenya
- Built websites and developed new features in existing products: GitHub profile
- Example projects: IBM eWater Management Dashboard
- Languages: Java, Python, JavaScript, HTML, CSS
- Frameworks: Django, Spark, Angular, Flask
- Databases: Postgres, H2

Substitute Teacher   *Jan 18 - July 18*
SCSD - Syracuse, NY
- Performed instructional and classroom management processes including taking attendance, explaining homework, and maintaining general classroom discipline.

Product Specialist   *June 17 - Dec 17*
CenTrak - New York, NY
- Supported the installation of an inventory tracking and management system at Mt. Sinai Hospital.

Graduate Assistant   *Aug 17 - May 17*
Syracuse University - Syracuse, NY
- Provided research and administrative support in a university partnership program between Kenyatta and Syracuse universities – assisted in organizing workshops, conferences and contributed to publications.

Natural Science Research Fellow   *Aug 14 - May 15*
Physics Department, Le Moyne College - Syracuse, NY
- *Topic:* Studied elementary light particles (photons) and reproduced the classic Grangiér experiment, which proves the existence of photons. *Outcome:* Resulted in the creation of an advanced undergraduate physics laboratory in optical physics.

Physics Tutor   *Aug 13 - May 14*
Le Moyne College - Syracuse, NY
- Tutored individuals and small groups in introductory-level college physics.

EDUCATION

Binghamton University	M.S. Industrial and Systems Engineering	*Anticipated Dec 2021*
Syracuse University	M.S. Electrical Engineering	May 2017
Le Moyne College	B.S. Physics	May 2015