

JEMAR LOUIS ORTEGA

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EDUCATION

BACHELOR OF SCIENCE- ELECTRICAL ENGINEERING, BIOELECTRICAL CONCENTRATION

MAY 2021

Manhattan College, Riverdale, NY

- Cumulative GPA 3.66
- Honors: Dean's List, Tau Beta Pi, Eta Kappa Nu and Epsilon Sigma Pi Honor Societies, The Medal for Electrical Engineering recipient
- Coursework- Biomedical Imaging Systems, Modern Communication Systems, Control Systems Design, Cybersecurity, Power and Energy Systems

EXPERIENCE

DIVISION 1 CROSS COUNTRY/TRACK AND FIELD ATHLETE

AUGUST 2017-MAY 2021

Manhattan College- Riverdale, NY

- Long distance runner specializing in cross country and track events from 1500m to 5000m

SENIOR CAPSTONE DESIGN PROJECT

SEPTEMBER 2020-MAY 2021

Manhattan College- Riverdale, NY

Team Member

- Worked with computer and electrical engineers to develop a home automation system for the hearing and visually impaired

7X24 EXCHANGE UNIVERSITY CHALLENGE

SEPTEMBER 2020-APRIL 2021

Team Member

- Worked with mechanical and electrical engineers on developing an efficient liquid cooling system for data centers

MEMBER OF STUDENT ATHLETE ADVISORY COMMITTEE

SEPTEMBER 2017-MAY 2021

Manhattan College- Riverdale, NY

- Helps in organizing community service events
- Helps in coordinating improvements for student athletes with everyday campus life

HE FOR SWE ELECTRICAL ENGINEERING LIASON

SEPTEMBER 2019-MAY 2021

Manhattan College- Riverdale, NY

- Increased inclusivity of women in STEM by providing resources and perspective on advantages of gender diversity

SALES ASSOCIATE AND CASHIER

JUNE 2019-PRESENT

ASICS- Central Valley, NY

- Communicated with customers to fit them into the proper type of running shoes for their foot type
- Handled POS system transactions to ensure seamless and accurate cash flow

CAMP COUNSELOR

SUMMER 2018

Centrowitz Running Camp- Portsmouth, RI

- Planned and organized camp activities for campers aged 12-18
- Lead and directed campers in stretching and exercises

TUTOR

SUMMER 2017-MAY 2021

Nyack High School- Upper Nyack, NY

Manhattan College- Riverdale, NY

- Tutored and assisted high school and college students in algebra, geometry, precalculus, calculus, physics and lower level electrical engineering classes

VOLUNTEER COACH

SEPTEMBER 2017-APRIL 2018

Healthy Kids- Riverdale, NY

- Lead and directed children in stretching and running
- Gave advice to children on how to lead a healthy lifestyle

SKILLS

- Knowledgeable in C/C++ and VBA programming
- Proficient in Microsoft Office (Excel, Word and PowerPoint)
- Experience with Adobe Photoshop and AutoDesk
- Language skills: basic Spanish and Tagalog

INTERESTS

Running, computer programming, drawing/art