

Marvin Maxino Cosare

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(240)-370-6637
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OBJECTIVE

Diligent and punctual student seeking a summer internship in the field of electrical engineering and technology sector.

EDUCATION

Rensselaer Polytechnic Institute, Troy, NY

Bachelor of Science Electrical Engineering, expected May 2018

SUMMARY OF QUALIFICATIONS

- Detail Oriented and Organized
- Research and Trade Studies
- Group Collaboration and Communication
- Presentation of Research Findings

PROFESSIONAL EXPERIENCE

NASA GODDARD SPACE FLIGHT CENTER, GREENBELT, MD

Applied Engineering & Technology Directorate Intern, Jun 2013 - Aug 2013

- Collaborated with a team of 8 undergraduate and graduate college students in designing a hyper-spectrometer that could fit on a 10cm3 x 30cm3 CubeSat satellite, and take images of the wavelengths of foliage from sun-synchronous orbit.
- Conducted trade studies and research of several potential electrical components that could be included in the design of a small satellite (CubeSat), including solar panels, batteries, and EPS.
- Presented our findings at a preliminary design review (PDR) to a panel of NASA engineers and scientists.

LEADERSHIP/ACTIVITIES

Facilities and Services Committee of the RPI Student Senate, September 2014 - Present

- Lead a project group to develop a new website allowing students to report facilities issues.
- Collaborated with student senators to address the concerns and issues of RPI students.
- Contacted campus administration to relay student issues and work to achieve solutions.

HONORS

- Rensselaer Medalist Recipient
- NASA FCU Mitchell-Beall-Rosen Memorial Scholarship Recipient

SKILLS

- Expert in Microsoft Office
- Proficient in Siemens NX9 and Solidworks 3D CAD
- Proficient in English, Tagalog, & Spanish

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