

# Christopher Calicchia

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## Education

**Hudson Valley Community College**, Troy,  
NY, Mechanical Engineering  
GPA: 3.84

**Rensselaer Polytechnic Institute**, Troy, NY  
Mechanical Engineering, Fall 2019 Transfer Student  
GPA: 3.3

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## Experience

*Intern, Simmons Machine Tool*, Menands, NY, Fall 2017

- Collaborated with Mechanical, Computer and Electrical Engineers to design a new machine
- Applied 2D and 3D computer modeling programs Inventor and AutoCAD in drafts of drawings
- Located parts in warehouse to save other members of company valuable time
- Assisted in assembling a Bill of Materials for projects

*Intern, EYP*, Albany, NY, Winter 2017

- Learned and operated Revit computer software
- Collaborated with HVAC engineers on HVAC installation for a specific project (signed a confidentiality statement so cannot disclose exact project).
- Examined the areas of plumbing, fire protection, and Structural Engineering

*Intern, The New York State Department of Transportation*, Albany, NY, Summer 2019

- Reduced and Analyzed data collected in the field
  - Calculated friction coefficients on roadways to assist in decisions for reconstructing roads
  - Assisted in a technical study of Cold in Place Recycling of roadways with the Virginia Department of Transportation
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## Awards and Honors

- 2018-2019 SUNY Chancellors Award Recipient
  - Presidents List all attended Semesters at HVCC
  - Captain of the Hudson Valley Men's Lacrosse Team
  - Member of Phi Theta Kappa Honors Society
  - 2017 GE Star Scholarship Award for Academic Excellence recipient
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## Activities & Volunteering

*President, Engineers for a Sustainable World*, RPI, Fall 2020-Present

*Player, RPI Mens Lacrosse*, Troy, NY, Spring 2020-Present

*Volunteer, Albany City Mission*, Albany, NY, Winter 2017

*Captain, Hudson Valley Men's Lacrosse*, Troy, NY, Fall 2017- Spring 2019

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## Skills

- Fluent in Microsoft Office 365
- Proficiency AutoCAD Inventor and Solidworks, experience in AutoCAD 2D, Revit, and Matlab.
- Strong communication skills
- Excellent at working in teams to achieve a common goal