

**Paedyn D.S. Gomes**

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**Objective**

- Obtain industry experience by completing an internship in preparation for a career after completion of undergraduate degree

**Education**

**Yale University**, New Haven, CT

- ABET-accredited Bachelor of Science in Mechanical Engineering, expected May 2018; GPA 3.65/4.0
- Representative Coursework: Mechanical Design, Introduction to Materials Science, Solid Mechanics & Materials Science Lab, Computer-Aided Engineering, Introduction to Electronics, Strength & Deformation of Mechanical Elements, Thermodynamics for Mechanical Engineers, Fluid Mechanics, Computing for Engineers & Scientists, University Physics, General Physics Laboratory
- Yale Club Scholars, Yale Black Men's Union, Yale Hunger and Homelessness Action Project (YHHAP), Branford College Big Sibling Program

**West Geauga High School**, Chesterland, OH

- Graduated June 2014
- 2 sport athlete: track and field (indoor and outdoor, three-year letterman, team captain 2013 and 2014), cross country (one-year letterman)
- National Honor Society (NHS), Academic Challenge, Student Council, Webpage Development, Teacher's Aide, Marching Band, Concert Band, Symphonic Band, West G TV, Interact

**Relevant Experience and Leadership**

**Yale Mechanical Engineering Summer Researcher**: Summer 2016

- Collaborated with one research scientist and one professor on a prosthetics study
- Examined the use of prosthetic hands by amputees
- Collected prosthetic use data 35-40 hours per week
- Used video editing software (Adobe Premiere Pro) to make subjects anonymous

**Kiphuth Leadership Academy**: Member, October 2016 – Present

- Academy to teach, develop, and refine the leadership skills of Yale student athletes
- Student athletes are placed in groups to develop leadership and communication skills in athletic and professional environments

**Additional Experience**

**Yale Varsity Track and Field**: Fall 2014 – Present

- Two-year varsity letterman, 110 meter hurdles, 60 meter hurdles, 4 x 100 meter relay
- Compete in indoor and outdoor track seasons, including practice and weight lifting 15-20 hours per week

**Habitat for Humanity**: Summer 2013 – Summer 2015

- Volunteer worker at Habitat for Humanity ReStore in Newbury, OH
- Picked up donated furniture from donors' homes and organized items in the store
- 3 – 6 hours per week

**Community Service**:

- Annual high school blood drive (2012 – 2014)
- National Honor Society activities (Salvation Army holiday bell ringing, annual community fair)
- Interact activities (annual high school food drive, Halloween hayride volunteer)
- Hunger Heroes soup kitchen service at Downtown Evening Soup Kitchen

**Skills**

**Computer**:

Microsoft Office (Excel, Word, PowerPoint, OneNote), MATLAB, Mathematica, C, C++, Dreamweaver, Adobe Premiere Pro, SolidWorks, R, RStudio

**Foreign Language**:

Proficient in Spanish