

James Johnston

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PROFILE

I am very interested in supplementing my education with an experience in a research lab, specifically a lab relating to the cardiovascular system and the improvement of its functions.

EDUCATION

University of Wisconsin- Madison, WI

September 2015- May 2019

B.S. Biomedical Engineering

GPA: 3.81

Dean's Honor List

Relevant Course Work: Completed calculus three, differential equations and linear algebra, chemistry 103 and 104, and Engineering Mechanics 201. Enrolled in Organic chemistry

Mayo High School- Rochester, MN

September 2011- June 2015

High School Honors Diploma, National Honors Society, AP Scholar with Distinction

GPA: 4.65

ACT:32

EXPERIENCE

Badger Volunteers- Madison, WI, Tutor 2016-Present

I go to Whitehorse Middle school for two hours every week and help struggling students with their math homework.

Wisconsin Engineering Magazine, Madison, WI, Graphic Designer 2016-Present

Mayo Clinic- Rochester, MN, Shadowing 2014-2015

Shadowed doctors in many different specialties, including sports medicine, and cardiology. The majority of my time was spent within the cardiology department.

Shoot-N-Save Sports- Rochester, MN, Sales associate 2012-2015

I was in charge of making decisions on what lacrosse and hockey gear to order. I also opened and closed the store by myself and was in charge of counting money at the end of the day.

Johnston Honey- Rochester, MN, Honey extractor 2012-2015

I helped to extract and process honey.

Vascular Tissue Biomechanics Laboratory 2016-Present

Assistant youth hockey and lacrosse coach, Rochester, MN 2013-2015

LEADERSHIP

Captain junior and senior year of both hockey and lacrosse teams and also of summer sports teams

Led testing and fabrication of air cannon for Engineering 160 Course

SKILLS

Experience in SolidWorks and Matlab