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ALEXANDER HODGE
AEROSPACE ENGINEERING UNDERGRAD AT WORCESTER POLYTECHNIC INSTITUTE
ATHODGE@WPI.EDU

MY MISSION

Improve the efficiency of aircraft to save the industry and the planet.

SKILLS

Communication

At Dunkin Donuts, I frequently interacted with customers and was able to resolve any conflict. I will use these skills on the job to help my colleagues work together effectively and effectively.

Leadership

In high school I ran two successful clubs and was consistently able to engage members and increase participation. I will use and develop my leadership skills to aid me on the job.

Technology

Proficient in Maple, MATLAB, Microsoft Word, Excel, PowerPoint, Outlook, Google Drive, Docs, Sheets, Slides, and Forms.

EXPERIENCE

STUDENT NIGHT ASSISTANCE PATROL • WPI CAMPUS POLICE • 2018-2022

The Student Night Assistance Patrol (SNAP) is a program run by WPI Campus Police that transports WPI students when they feel unsafe walking to their destination. This job requires me to have exceptional situational awareness and to recognize unsafe situations.

SALES ASSOCIATE • DUNKIN DONUTS • 2017-2018

Working at Dunkin Donuts required me to have good communication skills so that I could better collaborate with my coworkers to deliver exceptional customer experiences. Communication in a group project is something that I excel at.

EDUCATION

2014-2018 • PEMBROKE HIGH SCHOOL

AP courses: Calculus, Spanish, Biology, U.S. Government and Politics, U.S. History.

AEROSPACE ENGINEERING • 2018-2022 • WORCESTER POLYTECHNIC INSTITUTE

Astronautics, Compressible and Incompressible Fluid Dynamics, Aerospace Guidance Navigation and Controls, Calculus III, Calculus IV, Differential Equations, General Physics-Mechanics, Electricity and Magnetism Physics, Intermediate Mechanics I, Linear Algebra and Matrices, Introduction to Material Science, Global Studies I, Global Studies II, Fundamentals of Music, Environmental History.

ACTIVITIES/RECOGNITIONS

High school: National Honor Society, leader of Celtic Music Club and Self Expression Club, Community Service Club (Key Club), Tri-M Music Honor Society, South Shore Conservatory Youth Orchestra, auditioned music festivals (Junior and Senior Districts and South Eastern Massachusetts Bandmasters Association), Sophomore Underclassman Award for Mathematics, Freshman and Junior Underclassman Award for Orchestra, Outstanding Contribution to Orchestra award.

WPI: Photography Club, Student Night Assistance Patrol, Engineers Without Borders.



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