

Donna M. Noda

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OBJECTIVE

Group-oriented student, looking for an opportunity to learn about propulsion systems and hone CAD and MATLAB skills.

EDUCATION

- Bachelor of Engineering, Rensselaer Polytechnic Institute, Troy, NY** May 2021
BS in Aerospace Engineering
Recipient of Rensselaer Leadership Scholarship Award
Fall 2018 Courses:
- Thermal Fluid Engineering I
 - Engineering Dynamics
 - Aerospace Structures and Materials
 - Mechatronics
- Spring 2018 GPA: 3.49/4.00
Iolani School, Honolulu, HI May 2017

EXPERIENCE

- Engineering Lab Volunteer - Hawaii Space Flight Laboratory, Honolulu, HI Summer 2018

SKILLS

- Adept at Onshape and Solidworks.
- Familiar with MATLAB.
- Proficiency with technical writing.
- Years of experience with shop tools, 3D printers, and laser cutters.
- Proficiency with MS Office applications.

ACTIVITIES

- RPI Rocketry Club - Rensselaer Polytechnic Institute, Troy, NY 2017- Present
 - Battle of the Rockets: Integration Team
 - Created a CAD model of the rover that is to be deployed from the rocket.
- VEX Robotics - Iolani School, Honolulu, HI 2011-2013
- FIRST Robotics - Iolani School, Honolulu, HI 2013-2017
 - Hardware & Fabrication
 - Operated shop tools, laser cutters, and 3D printers for robot construction.
 - Utilized CAD to create a detailed 3D model of the robot.
 - Team outreach and documentation

LEADERSHIP

- RPI Rocketry Club Safety Officer - Rensselaer Polytechnic Institute, Troy NY 2018 - Present
- Robotics Team Captain - Iolani School, Honolulu, HI 2014 - 2017
- Robotics Safety Officer - Iolani School, Honolulu, HI 2016 - 2017
- Summer Robotics & CAD Class TA - Punahou School, Honolulu, HI Summer 2017
- Summer FIRST Lego League Class TA - Iolani School, Honolulu, HI Summer 2015