

Alexis Warren

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EDUCATION

Old Dominion University - *Bachelor of Science: Mechanical Engineering*

Expected May 2023

Tidewater Community College - *Associate of Science: Engineering*

August 2021 | GPA 3.50

INTERNSHIPS

NASA Lucy Mission Intern

June 2021 - July 2021

- Designed an IR (Infrared) instrument using an AMG8833 sensor that can successfully acquire 15 images of a thermal target and has a controllable shutter mechanism.
- Trained in NX modeling, electronic prototyping, additive manufacturing, and coding.
- Programmed code for the instrument to take thermal images using both Arduino and Python.

WORKPLACE DEVELOPMENT

NASA L'Space Proposal Writing & Evaluation Experience Academy

January 2021 - April 2021

- Learned to effectively write a concept proposal.
- Gained experience in the process of writing, reviewing, and scoring proposals.

NASA L'Space Mission Concept Academy

August 2020-December 2020

- Received training on Siemens NX 3D modeling software.
- Wrote a preliminary design review describing the science objectives, spacecraft design, and payload of a mission to Enceladus as a member of a seven person team.

CERTIFICATIONS

- NX CAD Design Academic Certification

January 2021

WORK EXPERIENCE

Redwood Smoke Shack, Norfolk VA - *Food Service Team Member*

April 2021 - June 2021

- Communicated effectively with customers to plan large or specialized orders, providing customers with recommendations, and prepared orders in response to particular requests.
- Kept supplies in sufficient stock by assessing inventory levels and reporting lower stock items.

Norfolk Cares Center, Norfolk VA - *Office Assistant*

June 2018 - August 2018

- Digitized and organized files for easy updating and retrieval.
- Created and distributed promotional materials at city events.
- Recorded city maintenance information to enhance daily operations and support customer needs.

ADDITIONAL INFORMATION

- Winner of the Hack Kosice Digital Hackathon for the best use of Google Cloud
- Winner of the COVID-19 Global Hackathon 1.0 as a highlighted project
- Volunteered over 200 hours at the Virginia Zoo