

Kyle Anthony Castillo

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EDUCATION

University of Hawaii at Manoa
Mechanical Engineering M.S.
GPA: 4.00

August 2020 – December 2023

University of Hawaii at Manoa
Mechanical Engineering B.S.
GPA: 3.87 (Dean's List)

August 2015 - May 2019

WORK & RELATED EXPERIENCE

Test Engineer/Research Assistant

August 2020 – Present

Hawaii Natural Energy Institute

- Co-author published manuscripts on biocarbon laboratory research
- Investigate material properties and operate various analysis equipment
- Conduct safety and maintenance tests
- Create and update safety operating procedures

Karate Sensei

March 2017 – Present

Kick Start Karate

- Currently a black-belt level sensei; began as a student in March 2010
- Instruct and guide students in developing discipline and skills in the martial arts
- Assist in fundraiser events

Pearl Harbor Naval Shipyard Intern

January 2019 – May 2019

Pearl Harbor Naval Shipyard

- Perform duties in the Combats Division of Engineering Department (Code 290)
- Review and analyze detailed designs of mechanisms
- Perform tasks requiring use of CAD programs
- Regularly present progress reports to shipyard head and professionals

Pi Tau Sigma Honor Society Member

February 2018 – May 2019

- Society representative for Engineers' Council of University of Hawaii
- Webmaster and historian
- Participate in volunteer community services for the School of Engineering

American Society of Mechanical Engineers Member

August 2016 – May 2019

- Volunteer in fundraisers and events promoting engineering in schools
- Attend meetings and information sessions to connect with professional engineers

Math Course Tutor/Learning Assistant

January 2016 – May 2019

UH Manoa Undergraduate Math Department

- Assist pre-algebra Teaching Assistant during class hours
- Effectively communicate mathematical concepts to students
- Grade students' classwork, homework, and quizzes

REFERENCES

Scott Turn (Biocarbon Systems Research Advisor)

sturn@hawaii.edu

Lee Donohue Jr. (Head Sensei of Kick Start Karate)

ldjr1131@gmail.com

Monique Chyba (Math Department Professor)

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