

ALEXANDER HUNG

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AWARDS

Spring 2021 - Fall 2023

Dean's List

Awarded to undergraduate students who ended the Fall 2023 semester with a GPA of at least 3.5 based on 12 credits or more.

SKILLS

Languages

Python, R, SQL, Javascript, Java,
CSS, HTML, C/C++, C#

Frameworks

Angular, Bootstrap, Express, React

Platform

ChatGPT, Databricks, Github, IntelliJ,
Jupyter, Linux, OpenAI, PyCharm,
RStudio, vi, Windows

Other

ETL, Analytical skills, Critical
thinking, Mathematical skills,
Problem Solving

Languages

Mandarin, English

EDUCATION

University of Hawaii at Manoa, Honolulu, Hawaii

2021 - Present

Class of 2024

Bachelor of Science · Data Science

GPA: 3.38

Courses completed: *Intro to Climate Modeling · Introduction to Econometrics I · Data Science Fundamentals · Machine Learning Fundamentals · Big Data Analytics · Data Visualization*

ACADEMIC EXPERIENCE

Independent research and Self development

2023 - Present

[AlexToolBox](#)

[alextoolbox.online](#)

Application combine with all personal project.

University of Hawaii at Manoa

OSD Modeling & Simulation

2024 - Present

Communications and Technical Lead

The U.S. government is interested in exploring models to inform optimization planning for the use of unmanned systems employment.

Computing Ethics for LAs

2023

ICS 111 ATA(assistant TA)

Facilitated collaborative learning and enhanced student success in Information and Computer Sciences through interactive training, mentoring, and a focus on academic integrity and ethical practices.

Receipt Parsing

2023

Data Processing and Machine Learning Modeling

[github.com/ICS438Project/receipt](#)

To develop a system that efficiently parses receipt data, classifies vendors and products, and displays relevant analytics.

Why Fires

2023

Prototype Design

[alextoolbox.online/why-fires](#)

Analyzing and visualizing fires to find out the variables causing the fires.

ML for Assessing Brush Fire Risk in USA

2023

Data Processing and Machine Learning Modeling

The model is expected to predict and assess whether an area may be at risk for brush fires and how much area it could potentially cover. This should be able to save lives so that citizens are prepared to evacuate in lieu of a brush fire breakout.