

# ALEXANDER HUNG

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[alexander-hung.github.io](https://alexander-hung.github.io)

## 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*

## EXPERIENCE

Independent research and Self development

2023 - Present

[AlexToolBox](#)

[alextoolbox.online](https://alextoolbox.online)

Personal multi-functional web application

University of Hawaii at Manoa

OSD Modeling & Simulation

2024 - Present

**Communications and Technical Lead**

The U.S. Office of the Under Secretary of Defense for Policy (OUSD(P)) seeks a team to create a decision model using commercial software, to help Indonesia assess economic, military, and political implications of developing land in its northern region for commercial, military, or dual purposes, compatible with Indonesian systems.

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](https://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](https://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.