Zachary Higa
95-1011 Meahou St.
Mililani, HI, United States 96789
Home: 1-(808)-626-2960
Cell: 1-(808)-232-5102
E-mail: higa.zachary@gmail.com
Portfolio Website: https://zmhiga.github.io/

Objective Statement

Motivated graduate student pursuing a position to gain valuable experience in working with large-scale data problems as I progress through my career as a data analyst

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Education

- University of Idaho (Present)
  - Expected graduation date: Spring 2024
  - Pursuing a M.S. in Statistical Science
  - Cumulative GPA: 4.00
- University of Hawaii at Mānoa
  - Graduated with a B.S. in Mathematics in July 2021
  - Cumulative GPA: 3.93

Skills Summary

- Experience programming in Java, R, SAS, Python, and SQL
  - Took a graduate level course on Machine Learning in Python (CS 577)
  - Took a course on programming in R and SAS (STAT 419)
- Experience collaborating with others on projects through Github
- Proficient in using Microsoft Office, Word, Excel, and PowerPoint

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Experience

- IT Specialist - Data Analyst at the Office of the Vice President for UH Community Colleges
  - November 2023 - Present
  - Provided insights to support educational initiatives throughout the UHCC system
- Grader at the University of Hawai‘i at Mānoa
  - September 2018 - April 2020
  - Graded materials and created answer keys in Calculus IV and Differential Equations courses

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Projects

- Hawai‘i Promise Report 2023
  - Collaborated on this report sent to the Hawai‘i State legislature to show the positive impact that this financial-need scholarship has had on its recipients in the past year
- Analysis of UHCC English 100 Placement Dashboard
  - Conducted an analysis on how various placement measures provided access and predicted success of students enrolled in the English 100 course throughout the UHCC system
- Gender Inequity in the Athletic Department at the University of Hawai‘i at Mānoa
  - In R, analyzed datasets from a compilation of UH’s EADA reports from 2003-2018
- Fashion MNIST Classification Using Convolutional Neural Networks
  - In Python, trained a model using a convolutional neural network to classify ten different classes of clothing articles
- abc.mse R Package
  - Developed an R package that uses approximate Bayesian computation to find the posterior distribution of parameters from three given distributions
  - Package available for installation in a repository on Github

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Relevant Certifications

- Google Data Analytics Certification - September 2023