Tallen Vidal

Honolulu, HI | 808-551-5888 | tallen.vidal@student.chaminade.edu |

PROFESSIONAL SUMMARY

Data Science student with hands-on experience with using state census data to analyze and identify social problems within a community. Knowledgeable in multiple scripting languages including SQL, R, and Python. Passionate about learning as much about Data/Computer Science as possible and looking to contribute to the evolution of future Data Science applications in all fields of research.

SKILLS

Languages: MySQL, PostgreSQL, R, Python
Tools: Texas Advanced Computing Center Supercomputer, Anaconda, Spyder, Jupyter Notebook, Rstudio, Palantir, QGIS
Other: Time Management, Teamwork, Problem-Solving, Leadership, Communication

EDUCATION

Chaminade University of Honolulu, Honolulu, HI

Bachelor of Data Science, Analytics, and Visualization, Expected Graduation Date: 05/2028
- **Current GPA:** 3.6
- **Honors:** Dean's List of Fall 2024 semester, Travel Scholarship for ACSC, SDG Analytics in R Certificate

EXPERIENCE

Advanced Computing for Social Change, Atlanta, GA

Scholarship Participant, 11/2024
- Offered a full travel scholarship to participate in the ACSC Challenge as well as attend Supercomputing conference in Atlanta, Georgia. Tasked to identify and present a social problem that faces my community, used Hawaii census data from 2015-2023 to analyze the homeless population throughout that period.
- Upon further research, identified a massive dip in the homeless population in Honolulu in 2021 which I hypothesized was due to the statewide mandates taking full effect in 2021, despite their initial implementation in 2020.
- Presented research findings to a group of 30 participants, mentors, staff, and conference attendants, increasing awareness about the homeless problem in Honolulu County and how we could use the Covid-19 Pandemic protocols as a foundation for future strategies that aim to decrease the homeless population in Honolulu.

Huntington Ingalls Industries Summer Program, Honolulu, HI

Scholarship Participant, 06/2/2025 - 07/23/2025
- Offered a position to intern at Huntington Ingalls Industries (HII) for an 8-week program that focused on developing high demand skills in the Department of Defense (DoD) industry.
- Using open-source data, worked together in a group to identify geographical weak points in Taiwan's maritime trade routes and power infrastructure.
- At the end of the project, we presented our findings in a military style brief to DoD workers using open-source data visualizations, QGIS maps, and excel graphs.