

ALESSANDRA GRACE COOTE-CHANG

www.alessandragrace.me

1-610-745-0003

WORK EXPERIENCE

Jun 2021~ Jul 2023	MAILCHIMP (ACQUIRED BY INTUIT NOV 2021) Data Scientist II <ul style="list-style-type: none">Optimized targeting of potential customers using AI to determine the propensity of engagement with various prompts, increasing click ratesTrained and deployed AI language models to analyze and predict tone in marketing campaigns to increase campaign engagement	REMOTE
Jun 2020~ Jun 2021	SYSTEMS, PLANNING, AND ANALYSIS, INC Modeling and Simulation Engineer <ul style="list-style-type: none">Built optimization tool to help Air Force mitigate logistical challenges and policy constraints in the upgrade of the Nuclear Missile programIntegrated AI into existing tools to predict delays, saving money in the multi-billion dollar upgradeModeled Nuclear Missiles and components to verify contractor performance claims	HILL AFB, UTAH
Apr 2020~ Apr 2021	TWO CANOES Head of Data <ul style="list-style-type: none">Led data portion of a COVID-19 response initiative to link suppliers worldwide with US demand for PPE by providing data driven insights for strategic decisionsBuilt data visualizations to drive strategy throughout the supply-chain and outreach process	SAN FRANCISCO, CALIFORNIA
May 2019~ Apr 2020	KEEPTRUCKIN Data Analyst/Data Engineer <ul style="list-style-type: none">Proactively led a data initiative (presented to the CEO), which uncovered \$35M in sales opportunities and saved the company \$2M in external data set purchases and product salesSteered product offerings to a new market by identifying unusual trends, sparking an outreach initiative	SAN FRANCISCO, CALIFORNIA

UNITED STATES ARMY WORK EXPERIENCE

Feb 2018~ May 2019	UNITED NATIONS COMMAND MILITARY ARMISTICE COMMISSION (UNCMAC) Executive Officer <ul style="list-style-type: none">Owned and revamped scheduling system for the entire organization, which streamlined the coordination of meetings with high-level officials and Ambassadors of 17 nations, to facilitate communication during a historic periodOrchestrated activities between the armed forces of seven nations (including North Korea) to help implement international agreements (Panmunjom Declaration, Demilitarization of the DMZ, etc)	SEOUL, SKOREA
Mar 2015~ Jan 2018	10th MOUNTAIN DIVISION Platoon Leader <ul style="list-style-type: none">Supervisor responsible for the welfare, training, and activities of 30+ people to prepare for combat operationsPlanned, trained, and resourced demolition instruction for 1,400 West Point Cadets to safely expose Cadets to explosives Operations Officer <ul style="list-style-type: none">Coordinated medical, logistical, and human resource organizations to reintegrate 500 soldiers returning from Afghanistan	VARIOUS LOCATIONS
2012-2019	MILITARY EDUCATION <ul style="list-style-type: none">Sapper Leaders Course - First female in 10th Mountain Division history to graduateChilean Mountain Warfare School - Selected to attend in Lonquimy, Chile based on physical and language assessmentKorea National Defense University - 12 week course on the history of the US-Korean allianceEngineer Basic Officer Leadership Course - Introductory course on being an Officer in the Engineer Branch	VARIOUS LOCATIONS

EDUCATION

Aug 2023~ Present	UNIVERSITY OF UTAH S.J. QUINNEY COLLEGE OF LAW <ul style="list-style-type: none">J.D. Class of 2026, current GPA 3.086	SALT LAKE CITY, UTAH
2010-2014	UNITED STATES MILITARY ACADEMY <ul style="list-style-type: none">Bachelor of Science in Mechanical Engineering with a concentration in Mechatronics	WEST POINT, NEW YORK

VOLUNTEER

Rocky Mountain Search Dogs: I am training my dog, Loki, to work with local Law Enforcement to find individuals, cadavers, and evidence