ARIELLE LUPO

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EDUCATION

HIGH SCHOOL DIPLOMA
MERIT ACADEMY, SPRINGVILLE, UTAH
2011-2016

**B. S. BIOMEDICAL ENGINEERING
MINOR MARKETING**
UNIVERSITY OF UTAH
2016-2021

EXPERTISE

- MATLAB
- Python
- Adobe Creative Suite
- Microsoft Office
- SolidWorks
- 3D Printing
- Photography and videography
- Graphic and product design
- Data analysis

- Hiring and managing
- Client and customer relations
- Strategic communication
- Creative problem solving
- Written communication

- AWS Certified Cloud Practitioner

EXPERIENCE

PROFESSIONAL SERVICES CONSULTANT INTERN
Amazon Web Services | Herndon, Virginia | June 2020 - September 2020

Devised partner strategy for Amazon Web Services' Department of Defense Sector. Identified gaps in current partner network through data collection and analysis. Developed strategy to continually evaluate existing partners and pursue new partner opportunities to address gaps.
- Created a method to validate new partners and ensure they met internal criteria.
- Engineered the system to be completely self-serviced to promote longevity and ease.

MICROSOFT TECHNICAL SUPPORT ADVOCATE / PEER MENTOR
Microsoft (Client of Education at Work) | Salt Lake City, Utah | July 2018 - June 2020

Resolved technical support cases for Microsoft Office products via chat platform and acted as a trainer and mentor on the floor. In addition to this, completed 'special projects' for Microsoft CSS department in Redmond. Coordinated between the sites to deliver products such as videos, reports, analytics and design work.
- Earned the highest CSAT on the floor for two months.
- Selected by leadership for exemplary contributions to the floor to visit the Redmond campus and connect with Microsoft CSS

DIRECTOR OF MARKETING
ASUU at the University of Utah | Salt Lake City, Utah | May 2019 - May 2020

Hired and lead a team of six employees to effectively market, brand and promote ASUU and all of its events and initiatives. Allocated funds from a budget of $25,000, to create strong branding strategies and manage the reputation of the organization.
- Increased the online followings and interactions of ASUU's social media more than 10% on all platforms (50% on Twitter).
- Crafted and executed a campaign that reached a 85,000 people which was more than 3x the total population of the target audience.

RESEARCH ASSISTANT
University of Utah Health | Salt Lake City, Utah | September 2017 - March 2020

Maintains mouse colony of over 200 animals through breeding and genotyping. Assists in testing of drug delivery and response by injection and gavage. Other duties include preparation of SDS and agarose gel, PCR and data visualization and analysis.
- Attended international Galactosemia Conference to support lab and assist in presentation of findings.

UNDERGRADUATE RESEARCH ASSOCIATE
University of Utah | Salt Lake City, Utah | January 2018 - July 2018

Awarded grant funding to conduct self driven and designed research. In two semesters, the project was successful in creating a mouse model of Pgm-1 deficiency and a genotyping protocol for identifying these deficient mice.
- Utilized CRISPR technology, TA cloning, and strategic breeding.
- Creatively troubleshot the protocol and creatively designed a conditional knockout model using CRE and LOX genes to decrease severity of mutation.

PUBLICATIONS

"Salubrinal enhances eIF2α phosphorylation and improves fertility in a T mouse model of Classic Galactosemia", Molecular Basis of Disease, 2019

"A Novel Phosphoglucomutase-deficient Mouse Model Reveals Aberrant Glycosylation and Early Embryonic Lethality", Journal of Inherited Metabolic Disease, 2019