Charles Gordon Sassaman

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EDUCATION
Texas A&M University, College Station, Texas   Graduated May 2019
- Bachelor of Science in Meteorology
- Minor in Geographic Information Science & Technology
- Cumulative GPR: 3.6/ Major GPR: 3.8/ Minor GPR: 3.3
- Relevant Coursework: Web GIS, GIS Programming, Python for the Geosciences, Computer Applications in the Atmospheric Sciences, Radar Meteorology and Remote Sensing, Numerical Weather Prediction

University of Texas at Arlington, Arlington, Texas   June 2021 – *Present*
- Bachelor of Science in Computer Science
- Current Coursework: Introduction to Computers and Programming, Linear Algebra

EXPERIENCE
Weather Modification, Inc., Full-Time

Project Meteorologist   September 2019 – May 2021
- Formulated short-term forecasts focusing on various cloud seeding environments including tropical monsoonal convection and cold season orographic enhancement for ground and airborne operations
- Rewrote Python scripts controlling the creation of in-house numerical weather model maps and meteograms
- Assisted in glaciogenic and hygroscopic cloud seeding missions through both warm and cold season seeding operations

North Dakota Cloud Modification Project, Full-Time

Radar Meteorologist   June 2020 – August 2020
- Operated a doppler radar system utilizing IRIS and TITAN software in order to direct aircraft via two-way radio to suitable cloud formations for rain enhancement and/or hail suppression purposes
- Mentored an intern meteorologist to help them be better prepared for a career in the field

Vanguard Veterinary Assoc., Part-Time

Shift Leader/Computer Operator   August 2012 – December 2018
- Ensured customer satisfaction through direct communication with client while addressing any needs or issues
- Responsible for employee management and scheduling, maintenance of vaccine inventory, and accounting
- Fixed web-based computer issues and computer/printer hardware malfunctions

LEADERSHIP
Texas A&M Campus Community Emergency Response Team

Founder, Chapter President   February 2018 – April 2019
- Chartered an organization that trains volunteers how to better respond in a disaster and teaches members basic emergency management practices
- Managed an executive board comprised of seven officers, maintained a budget, programed training events, and branched out to local organizations in efforts to better enhance their disaster preparedness capabilities

Texas A&M Student Chapter of the American Meteorological Society

Chapter Vice President   May 2018 – April 2019
- Coordinated spring and fall career education trips that expose members to various fields in meteorology
- Established organization-wide service projects that assist the community year-round

CERTIFICATIONS
- Community Emergency Response Team Train the Trainer (License E/L/G-428)
- Community Emergency Response Team (License G-317)

SKILLS
- Intermediate knowledge of Python including modules such as arcpy, pandas, cartopy, numpy, matplotlib, and xarray.
- Proficient with Microsoft Suite including Word and Excel
- Knowledgeable of JavaScript, EVNI, HTML+CSS, MATLAB, Microsoft Suite, and UNIX/Linux Shell
- Familiar with ArcGIS Pro, ArcGIS Online, Leaflet, Mapbox, Esri API, GitHub, SQL