

Grace Fernandez

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PROFESSIONAL SUMMARY

Detail oriented Senior interested in a full-time Geospatial Analyst or similar position upon graduation that will utilize geospatial, programming, and technical knowledge to provide exceptional insight towards new geospatial implementation strategies for various organizations.

EDUCATION

Virginia Polytechnic Institute & State University (Virginia Tech)

Blacksburg, VA

Expected: May 2021

GPA: 3.74

- Major: Political Science – National Security (B.A.)
- Minor: Geographic Information Science (GIS)
- Highlighted Courses: **Modeling with GIS; Analysis in GIS; Remote Sensing (Spring 2021)**

TECHNICAL SKILLS

- ArcGIS Pro
- Spatial Analysis
- Java, *Novice*
- Python, *Intermediate*
- Jupyter Notebooks
- Microsoft Office

RESEARCH & PROFESSIONAL EXPERIENCE

Near Earth Imaging Lab at Virginia Tech

Blacksburg, VA

Incoming Undergraduate Research Assistant

January 2021– May 2021

- Assists with creating a 3D printed model of the Virginia Tech campus and surrounding areas from Lidar and Structure from Motion (SfM) sources, ranging from Route 460 to Main St
- Deploy custom Photogrammetry-on-a-Stick camera apparatus including fisheye camera and RTK GPS unit to collect original imagery for SfM analysis. Process RTK GPS logs to georeferenced these images prior to SfM model construction

Office of the Assistant Secretary of Defense for Sustainment

Arlington, VA

Intern for the Defense College Acquisition Internship Program

May 2020 – August 2020

- Due to COVID-19, the internship was cancelled
- The DOD College Acquisition Program provides interns with practical experience in analysis, research, report writing, oral briefings, policy development, program analysis, and computer applications

Orange Theory Fitness

Sterling, VA

Sales Associate

May 2019 – February 2020

- Met and exceeded all key performance sales indicators for the fitness studio, including membership sales and renewals, and retail sales ranging from \$1–\$159
- Maintained workout traffic, and provided premium customer service to over 24 clients an hour

VOLUNTEER EXPERIENCE

Gamma Phi Beta Sorority

Blacksburg, VA

Member

January 2019 – Present

- Promotes Gamma Phi Beta's philanthropic mission of "Building Strong Girls" with our philanthropic partner Girls On The Run through hosting fundraising events for the Roanoke chapter specifically, resulting in ~\$10k in annual donations
- Supports the Greek life community by participating in no less than three other organizations philanthropic events, and spreads awareness of Gamma Phi Beta's philanthropic mission

Student Alumni Associates

Blacksburg, VA

Associate

March 2020 – Present

- Serves as a liaison between current and future alumni by organizing class reunions, alumni-student networking events, assisting in the President's Box, and large donor events
- Promotes the four pillars of Spirit, Tradition, Leadership, and Service throughout campus with words and action with events such as the Hokie Bucket List, The Big Event, Relay for Life, and much more

HONORS & ACHIEVEMENTS

AWS Certified Cloud Practitioner Certification, *in progress*

Dean's List, Virginia Polytechnic Institute and State University

Performing Unsupervised Pixel-Based Image Classification, Esri Received 2020

Spatial Data Science: The New Frontier in Analytics, Esri Received 2020

Getting Started with Geoprocessing, Esri Received 2020

Getting Started with Spatial Analysis, Esri Received 2020

Managing Raster Data Using ArcGIS, Esri Received 2020

Creating Optimized Routes Using ArcGIS Pro, Esri Received 2020

AutoCAD Certification, Received 2017



Scan to see my GIS Portfolio
<https://github.com/fernandezgk/GISPortfolio>