**John William Van Horn III**

Denver, CO

678-993-9813

john@veteranunmannedsolutions.com

**EDUCATION**:

* Mississippi State University
  + M.S. of Geosciences (Professional Meteorology, UASs Thesis Track)
* Mississippi State University
  + B.S. of Geosciences (Professional Meteorology)

**WORK EXPERIENCE**:

* Exclusive Listing Agent, Atlanta, GA (2015-2016): Sold 33 homes within the first year of real estate
* Graduate Research Assistant, MSU (2014-2015): Unmanned Aerial Systems (UASs) researcher; Used Density Slicing and NDVI to create land/water masks for NOAA (NWS , River Forecast Centers)
  + 2015 AAG Conference presentation: ‘Potential of Unmanned Aerial Systems Imagery Relative to Landsat-8 Imagery in the Lower Pearl River Basin’ (Master’s Thesis)
  + 2015 NOAA Lower Pearl River Total Water Level Prediction Collaboration Science Meeting presentation: ‘Creating Land Water Masks with UASs Data’
* Hurricane Hunters, USAF, Keesler AFB, MS (Jun 2013-Aug 2013): Assisted 53rd Weather Reconnaissance Squadron in operations and research during internship
* MSU Mobile Weather Sounding Team Leader (2012-2015): Launched weather balloons in front of potentially tornadic storm cells for Memphis NWS office
* Team Rubicon Region VI Member (2012 -2013): Provided weather forecasts during disaster relief efforts
  + Hurricane Sandy Relief, Brooklyn/Rockaway Beach
  + Tornado Relief, Van Buren County, AR
* US Air Force, Active Duty (Dover AFB, DE, 2002-2008): Flying Crew Chief (C-5 Galaxy), Lead Technician (C-5 Galaxy, Deployment OEF/OIF), Home Station Check Inspector (C-5 Galaxy, HSC Team)

**AWARDS/HONORS**:

* Tillman Military Scholar, 4th class, Pat Tillman Foundation, 2012
* Dean’s List: Mississippi State University, Fall 2013
* President’s Scholar: Mississippi State University, Fall 2011 and Fall 2012
* Air Force Achievement Medal, 2006

**ACTIVITIES**:

* Punter, Wide Receiver: 2012 & 2013 Mississippi State University Bulldogs (NCAA, Division I, SEC)
* Storm Chaser: Southeastern US Region
* Association of American Geographers Member
* NFL Regional Combine, Seattle Seahawks Training Facility, 2014: NFL Punter Tryouts

**COMMUNITY SERVICE**:

* Rebuilding Together (New Orleans, LA): Rebuilt low-income homes effected by Hurricane Katrina
* Prokicker.com Kicking Camp (Memphis, TN): Coached kids in football kicking/punting fundamentals
* Project CLASS (Starkville, MS): Weekly tutored 3rd grader in reading and math at local elementary school
* Marine Mammal Conservancy (Key Largo, FL): Nursed and stabilized rescued pilot whale

|  |  |  |
| --- | --- | --- |
| **SKILLS & CERTIFICATIONS** | |  |
|  |  |  |
| FAA Remote Pilot | UAS Researcher | Drone Trainer |
| GR Level 3 Radar | Simuawips | BUFKIT |
| ESRI ArcGIS | ERDAS Imagine | R-Programming |
| Adobe CC | Excel | Word |