

KRYSTAL SAVERSE

krystalsaverse@gmail.com | linkedin.com/in/krystalsaverse | github.io/krystalsaverse.github.io/

EXPERIENCE

- Feb 2023 - Present *Broadband Data & GIS Analyst* - Arizona Commerce Authority | *Phoenix, AZ*
- Tasked with broadband-related mapping coordination, data collection, data analysis, and reporting for policymakers and other stakeholders. Assisted the State Broadband Director with planning of the Broadband Equity, Access, and Deployment (BEAD) program (\$1B), and the implementation of the Arizona Broadband Development Grant (ABDG) program (\$100M). Oversaw the Arizona Challenge Process which allowed non-profits, local government, tribal government, and internet service providers to challenge whether locations were BEAD eligible. Collected data concerning Community Anchor Institutions within the state and assessed their eligibility for BEAD. Provided technical assistance and hosted monthly webinars for diverse stakeholders regarding BEAD mapping efforts. Collaborated with local and state partners to develop a state-wide broadband map.
- Apr 2021 - Feb 2023 *Assistant Consultant* - Fibersmith Engineering | *Columbia, MO*
- Assist Senior Consultants with fiber optic network design and modeling network connectivity. Responsible for importing plant data into GIS software and creating digital maps reflective of customer requirements. Procured right-of-way information from railroad, and road permitting authorities. Managed the submission of railroad, pole, and State DOT permits and as-builts. Generated field maps for use during staking and inspection.
- Nov 2019 - Apr 2021 *Imagery Analyst* - Center for Geospatial Intelligence | *Columbia, MO*
- Assist with data collection of key features using satellite and aerial imagery. Edit and manage vector features using ArcGIS. Validate feature detection and classification.
- Aug 2014 - Jan 2019 *Flight Operations Specialist* - Army Aviation Support Facility | *NLR, AR*
- Responsible for scheduling and dispatching military aircraft. Responsible for briefing pilots and flight crews of pertinent flight information, alerting emergency crash crews, performing flight record custodian duties, and safeguarding sensitive military equipment.

EDUCATION

University of Oklahoma | *Norman, OK*
Master of Science in Geospatial Technologies (2023)

University of Missouri | *Columbia, MO*
Bachelor of Arts in Geography – Magna Cum Laude (2020)

TECHNICAL SKILLS

· <u>ArcGIS Pro</u>	· <u>R Programing Language</u>	· <u>SQL</u>
· <u>QGIS</u>	· <u>Python Programming Language</u>	· <u>Data Analysis</u>

ORGANIZATIONS & VOLUNTEER

- Dec 2008 - Present Army National Guard | *Phoenix, AZ*
Flight Operations Section Sergeant
- Apr 2022 Volunteer Election Judge | *Columbia, MO*