

EDUCATION	Master of Science in Geography Texas State University • San Marcos, TX • Thesis - Estimating Gross Domestic Product with Satellite Imagery • Automated the process of downloading Landsat imagery, creating cloud-free composites, and extracting developed area using Kuberbetes, Python, and GDAL.	Spring 2020
	Bachelor of Science in Geographic Information Science Texas State University • San Marcos, TX • Minor in Computer Science	Aug 2018
EXPERIENCE	Graduate Assistant Texas State University • San Marcos, TX • Developed software to enable large-scale web scraping research Labs Taught • GEO2426 - Fundamentals of GIS (24 Seats) • GEO4393C - Geoprogramming (10 Seats)	Aug 2018 - May 2019
	Image Analyst Intern NASA Johnson Space Center • Houston, TX • Refactored ISS Imagery Inspection Software • Developed software for next-generation Orion Spacecraft	May 2017 - May 2018
	Platform Software Developer swipejobs, Inc. • Austin, TX • Led team of remote developers spanning multiple locations worldwide • Moved entire backend architecture to AWS cloud • Rearchitected and developed backend software stack	Nov 2014 - Aug 2015
	Android Application Developer Chaotic Moon Studios • Austin, TX • Worked alongside team of designers and developers to develop applications according to clients' specifications • Worked with labs department to create custom prototypes for clients	July 2013 - Nov 2014
PROJECTS	FXNOW Android Application • Worked in a team of two developers to build a video on demand application for FX Networks from scratch in 3 months • Integrated TV provider authentication and video advertisement systems • 1,000,000+ Downloads	
	Dell Mobile Workspace • Transformed local file manager into multi-cloud service syncing file manager • Implemented single sign on authentication	

AWARDS

- Graduate Student Merit Fellowship
- Dean's List 6 semesters

SKILLS

- Very experienced with Python, Java, and Android Development
- Experience in ArcMap, ArcGIS Pro, QGIS, and ERDAS Imagine
- Familiar with PostgreSQL/PostGIS, MySQL, MongoDB, and Redis
- Experienced with Git and Github

VOLUNTEERING **H.E.A.T. Texas State Chapter**

- Working with City of San Marcos Solid Waste and Recycling Department to educate citizens about recycling and composting
- Monthly cleaning of litter from the San Marcos river
- Elected secretary for 2017-2018 school year

LINKS

Website <https://kb.gg>

Github <https://github.com/kbgg>