

# ZACH OYER

(512) 970-7318

[ZachOyer07@yahoo.com](mailto:ZachOyer07@yahoo.com)

## PROFESSIONAL SUMMARY

- Created and maintained city-wide GIS data, such as roads and addresses, with versioning within an SDE on SQL Server
- Provided high-end cartographic products for professional audience
- Generated volumes of web maps and applications for customized mapping needs
- Instructed courses for all City of Houston employees for Advanced GIS and ArcGIS Online
- Provided coworker support for data use and mapmaking for property development
- Supplied FEMA and Houston Fire Department with emergency response maps during Hurricane Harvey from the Houston Emergency Center
- Assigned to special projects for events such as: Super Bowl, Vision Zero, and COVID-19
- Reviewed and supported development plats for City of Houston Planning Department
- Software/ Database Experience: ArcGIS Desktop and Pro, ArcGIS Online, SQL, and Microsoft Office

## EXPERIENCE SUMMARY

### GIS Analyst at South Carolina Department of Health and Environmental Control (IT) ~ 2020 – Present

- Assisted in creating and managing the VaxLocator application on DHEC's homepage for residents to find vaccination locations in South Carolina
- Updated periodic analysis of Bureau of Health data including birth and mortality, rabies, and teen pregnancy
- Compiled state-wide roads and address data and created composite locators for agency use
- Designed book of emergency preparedness maps for nuclear sites across the state

### Senior GIS Analyst at City of Houston, Planning & Development Dept. ~ 2019 – 2020

*(Analyst from 2015 - 2019)*

- Created and edited addresses and roads for all new development plats for the City of Houston
- Taught "GIS 1", "GIS 2", and "ArcGIS Online" classes to City of Houston employees in multi-day courses
- Lived for several days in the Houston Emergency Center during Hurricane Harvey to help coordinate Houston Fire Department and FEMA in emergency rescue efforts
- Designed mobile applications for the Department of Neighborhoods and Houston Police Department for special projects such as Hurricane Damage Assessments and Super Bowl Security Support
- Assigned on "Vision Zero" Data Subcommittee to assess a High-Injury Transportation Network to help reduce traffic deaths
- Designated as a Tier II employee to be deployed for emergency response
- Volunteered in Houston's 'Complete Communities' program to gather information on the needs of low-income communities in Houston, and to improve the standards of living for those areas

## EDUCATION

East Carolina University, 2014  
Master of Arts: Geography  
GPA: 3.85

Texas A&M University at Galveston, 2011  
Bachelor of Science: Marine Science  
GPA: 3.3

## HONORS AND CERTIFICATIONS

- GIS Certificate
- Fire Warden Chief Planning & Development Dept.
- Recipient of the "Customer Service of the Year" Award