

# ADRIEL GENAO

adrielgenao1@gmail.com | (954) 789-9383 | adrielgenao@ufl.edu

## SKILLS

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**Technical / Computer Skills:** Autodesk AutoCAD, Esri ArcGIS Pro, Microsoft Office (Word, PowerPoint, Excel, Access, Outlook, SharePoint).

## EXPERIENCE

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### College Engineering Intern

AUG 2024 – PRESENT

*Alachua County Public Works Department, Gainesville, FL*

- Perform transportation studies and complete engineering reports using the MUTCD, FDOT MUTS/FDM, and county standards to resolve requests such as mid-block crosswalks, no-passing zones, and multi-way stops.
- Manage and schedule the annual county traffic volume database to obtain AADT, Vehicle Speed, and Truck Percent values using Microsoft Access, ArcGIS Pro, and JAMAR Tube Traffic Counters and related software.
- Conduct site visits in relation to in-progress traffic studies and construction of transportation engineering projects like roadway resurfacings, crosswalk installations, or signage placements.

### College Intern

OCT 2023 – PRESENT

*City of Newberry Public Works & Utilities Department, Newberry, FL*

- Provide organizational tools/methods, including Microsoft Teams and Excel, for more efficient project management and department-specific inventory cataloging such as backflow pipes and lead service lines.
- Participate in field visits and engineering meetings for various activities and events occurring within water, wastewater, and streets and roads departments such as new roadway review or pipe installations.
- Review and optimize engineering/CAD, project, and field documents such as engineering plans/diagrams and field logs in response to original consultant designs.

### Engineering Intern

MAY 2024 – AUG 2024

*Sumter County Public Works Department (Planning & Design Division), Bushnell, FL*

- Utilized county GIS, E-permitting software (CityWorks), and county engineering standards to review ROW-utilization/utility permits, site development permits, and traffic impact analyses.
- Performed a multi-stop intersection engineering study using the MUTCD, intersection traffic counts, several traffic impact analyses, and ITE Trip-Generation software.
- Developed an AutoCAD learning schedule and SOPs in association with other interns to provide assistance in the use of CAD for current and future engineering employees.
- Attained FDOT MOT Intermediate Certification (08/02/2024).

### Development Services College Intern

MAY 2023 – AUG 2023

*City of Hollywood Transportation & Engineering Department, Hollywood, FL*

- Reviewed and organized submitted proposals from multiple transportation organizations and engineering firms for upcoming micro-transit services for the city.
- Sat-in engineering meetings to discuss negotiations, timelines, organization, and other aspects of projects.
- Developed transportation engineering proposals, CAD drawings, and GIS maps to present and discuss with the engineering team for finalization and implementation for county and state-funded projects.

## EDUCATION

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### Bachelor of Science, Civil Engineering, GPA: 4.0/4.0

AUG 2023 – MAY 2026

*University of Florida, Gainesville, FL*

### Associate in Arts, Highest Distinction Honors

MAY 2022 – DEC 2023

*Santa Fe College, Gainesville, FL*