MARISSA KITTELL

kittell.marissa@gmail.com ◇ (714) 830-8736

Current Address:
1216 SW 14th Ave., Apt. C
Gainesville, FL 32601

Permanent Address:
8474 E. Teton Ct.
Anaheim, CA 92808

EDUCATION

University of Florida Gainesville, FL
Bachelor of Science in Environmental Engineering *Aug. 2018 - Dec. 2022*
Overall GPA: 3.55
Relevant Coursework: Urban Stormwater Sys. Design, Env. Hydrology 1 & 2, Survey of Planning Info. Sys., Computational Methods in Env. Eng., Tech. Drawing and Visualization

SKILLS

Software: ArcGIS, QGIS, AutoCAD, HEC-HMS, MODFLOW, Microsoft Office Suite, Adobe Photoshop & Illustrator, Figma

Programming: R, Python, C++, JavaScript, HTML, CSS, MATLAB

WORK EXPERIENCE

Atmosphere Applications Inc. Gainesville, FL
Technical Support Intern *Jul. 2019 – Nov. 2021*
- Provided customer support for app- and subscription-related issues across 9 applications
- Assisted developers with bug testing and publishing new updates
- Collaborated with the company's graphic designer to create UI/UX prototypes for applications

PROJECTS

Landfill Facility Design (Capstone Project) *Fall 2022*
- Worked with a team to design a Subtitle D landfill based on projected waste production, topological properties of the site, and Florida regulations
- Sized and conceptualized the landfill's cell configuration, liner system, and leachate collection and removal system
- Produced over 30 AutoCAD drawings for all design components and prepared 5 technical memos for each major stage of the project

Wet Detention Pond *Fall 2022*
- Designed a theoretical stormwater detention basin in UF's Yulee Pit area to effectively attenuate runoff following a 25-year, 24-hour storm
- Used QGIS and AutoCAD to delineate the area of UF's campus contributing flow to the study site and quantify the necessary storage volume of the basin

Signal Timing Design *Spring 2022*
- Created an improved signal timing plan for a high-traffic intersection on UF's campus using peak-hour traffic volumes, phasing configuration, and signal cycle timing data recorded in-situ