

– JACK RUMMLER –

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**WORK EXPERIENCE**

**World Bank** | Short Term Contractor (July 2023 - present)

- Building 25+ geospatial data pipelines using global datasets to analyze water and sanitation conditions in any given region
- Completing extensive background research to gain intimate understanding of water and sanitation conditions of Luanda, Angola
- Leveraging Quarto to develop a front-end WASH scan product for client dissemination

**Defender Association of Philadelphia** | Policy and Data Analyst (June 2023 - present)

- Develops data pipelines to analyze reasons for detainment in a monthly juvenile detention population of over 250 children, enhancing insights for policy-making
- Analyzes a client roster of 38,000 and over 200,000 case loads to advocate for a \$62 million budget from the City of Philadelphia
- Supports statistical and policy reporting toward implementation of diversionary programs

**Osceola County Government** | Planning Intern (May 2021 - Aug. 2021; May 2022 - Aug. 2022)

- Co-fostered a project-based sustainability recommendation guideline for Osceola Heritage Park, a 200-acre events facility to begin pioneering sustainability initiatives throughout the county
- Leveraged a \$26 million budget and 10-year timeline to guide financial feasibility and temporal implications of recommendations
- Formulated guidelines for personal and county-wide sustainability to support sustainability consciousness in county residents

**Center for Health and the Built Environment** | Research Assistant (Nov. 2019 - Aug. 2021)

- Authored a literature and practice review of 20 transit agencies micro-mobility pilot projects and public/private partnerships to understand implementation strategies for micro transit in eastern Gainesville, FL
- Managed start-to-finish recommendation guideline for Florida Department of Transportation to outline goals, implementation strategies, and performance measures for Florida transit agencies looking to develop micro-transit projects

**EDUCATION**

**University of Pennsylvania** | Master of Urban Spatial Analytics (2022 - 2023)

- GPA: 3.9/4.0
- Concentration: Land Use Planning

**University of Florida** | Bachelor of Sustainability and the Built Environment (2018 - 2022)

- GPA: 3.8/4.0
- Summa cum laude
- Minors: Geography, Soil and Water Sciences

**SKILLS**

**Data Analytics + Visualization:** Python, R, SQL, Excel, Keras + Tensorflow, Pytorch

**Geospatial Data Science:** Remote sensing, ArcGIS, Raster processing, Google Earth Engine

**Urban Planning:** Land use planning, resilient development, zoning law, transportation

**Research:** Literature reviews, tech memorandums, recommendation guides, feasibility studies