JACK RUMMLER

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EDUCATION

University of Pennsylvania | *Philadelphia, PA*   Graduation: 2023

Master of Urban Spatial Analytics, Concentration: Land Use & Environmental Planning

GPA: 3.9

University of Florida | *Gainesville, FL*   Graduated: 2022

Bachelor of Science in Sustainability and the Built Environment, Minors: Soil/Water Sciences, Geography

GPA: 3.8, summa cum laude

PROFESSIONAL EXPERIENCE + PROJECTS

University of Pennsylvania | *MUSA Candidate*   2022 – 2023

- Project managing, developing analytical framework (R) and web app (Javascript) to understand and design alternative bus transit routes and their equity and financial implications in El Paso, Texas
- Developing predictive models in R using several types of regressions with applications in criminology, housing, transportation, and other public policy realms
- Utilizing Python (pandas, geopandas, Sci-kit learn, etc.) to complete geospatial data analytics, remote sensing image classification (Tensorflow, Keras), and developing skills using various regression models (SVM, Random Forest, deep learning, neural networks)
- Leveraging cartographic data in cloud-based computing using SQL to develop API's and web-based geospatial data visualizations

University of Florida College of Design, Construction, and Planning | *Capstone Project*   2022

- Authored a 50-page, case study-based capstone paper analyzing climate resilient development of 5 U.S. cities to guide recommendations for the city of Jacksonville, Florida
- Integrated city resilience frameworks (e.g. Rockefeller Foundation) to understand best practices
- Honed skills in public speaking and translating technical policy concepts to diverse audience

Osceola County (FL) Government | *Community Development Intern + Sustainability Intern*   2021; 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 action items to integrate sustainability consciousness in county residents

Adam Christensen for Congress Campaign | *Policy Intern*   2020

- Assisted a team of 7 to research and outline policy platform decisions for campaign platform, specifically focusing on carbon sequestration, regenerative agriculture, and homelessness
- Completed over 2,500 phone calls to increase voter turnout in district by over 40 percent

UF Center for Health and the Built Environment | *Research Assistant*   2019 – 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

SKILLS

Data Analytics + Visualization: Python, R, SQL, Keras + Tensorflow, Pytorch, Excel, HTML + CSS, Git

Geospatial Data Science: Remote sensing/image classification, ArcGIS, GeoDa, Google Earth Engine

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

Research: Literature reviews, adaptability, technical memorandums, recommendation frameworks

Communication: Storytelling and presenting, project management, negotiation and conflict resolution