

STEPHANIE ONUAJA

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EDUCATION

University of Pennsylvania

Master of City and Regional Planning

Philadelphia, PA

Graduation Date: May 2023

- Concentration in Housing, Community, and Economic Development and Smart Cities
- Relevant coursework in ArcGIS, Quantitative Planning Analysis Methods using R, Planning Studio, Public Health, Cities and the Climate Crisis, Public Finance & Public Policy, Public Policy Analytics, and Urban Spatial Analytics Practicum.

Oklahoma State University

Bachelor of Architecture

Stillwater, OK

December 2017

EXPERIENCE

University of Pennsylvania, Stuart Weitzman School of Design

Graduate Student

Philadelphia, PA

August 2021 - Present

- Develop a predictive model and web application for Community Legal Services to anticipate eviction risk in Philadelphia to streamline resource allocation to at-risk tenants and properties to prevent possible evictions.
- Develop and prioritize recommendations to improve Hazard Mitigation Planning with Philadelphia's Office of Emergency Preparedness.
- Developed the first master plan for the border city of Jimaní in the Dominican Republic; focusing on guiding urban growth, building climate resilience, and boosting local economic development.
- Developed a predictive model to forecast food inspection failures in Chicago to ensure the limited health inspectors are deployed efficiently across the city.
- Utilized regression models to evaluate the indicators that influence Philadelphia's high need for water infrastructure investments.
- Conducted market analysis for the development of a Center City lot in Philadelphia, determined best use of the site and built a proforma to forecast future returns, operating costs and budget and feasibility of the project.
- Developed a 20-year forecast for population, housing, and employment trends in Olney, Philadelphia.

PIDC

Graduate Student Intern

Philadelphia, PA

November 2022 - Present

- Awarded the PIDC-D'Alessio Scholarship for Urban Development in May 2022.
- Conducted research for the implementation of a workforce training program in the cell and gene therapy industry in Philadelphia.
- Developed a framework for understanding implementation scenarios and feasibility, key partners, and beneficiaries of the training program.

Pine Street Creative Lab

Graduate Student Intern

Philadelphia, PA

November 2022 - Present

- Manage weekly operations of the facility, correspondence with community and media outlets and lead event logistics.
- Develop event concepts for community participation and design marketing materials for events and social media engagement.

Mithun

Architectural Designer

Seattle, WA

May 2018 - February 2021

- Developed a presentation for Mithun's Racial Justice in Design Series titled "Design Justice for the 100%".
- Designed in K-12, workplace, higher education, adaptive reuse, transit-oriented development, and transportation planning projects within interdisciplinary project teams.
- Built and managed Revit models, produced architectural details and developed graphics for project development and presentations.
- Coordinated with design and engineering consultants to address change directives during construction administration.

Sawhorse Revolution

Architectural Designer & Design Mentor

Seattle, WA

August 2018 - February 2021

- Designed a pavilion for Nurturing Roots Farm: a Seattle community farming program, to house outreach and educational events on the farm.
- Served as a design mentor to high school students to design and build a tiny house for clients facing homelessness in Seattle.

SKILLS & LANGUAGES

Urban Planning: Workforce Development | Proforma Analysis | Urban Economics and Finance

Statistical Analysis: Predictive Modeling in R | Regression-based Analysis | Machine Learning | Spatial Statistics

Programming Languages: R | HTML

Geospatial Analytics: ArcGIS (Raster and Vector)

Architecture: Adobe Creative Suite | AutoCAD | Enscape | Revit | Rhino | SketchUp | Lumion | LEED Green Associate

Languages: Portuguese, *native* | French, *conversational* | Nigerian Pidgin English, *native*