

# 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 Introduction to Housing, Community and Economic Development, Introduction to Property Development, Migration and Development, Quantitative Planning Analysis Methods using R, Planning Studio, Public Health, Cities and the Climate Crisis, Public Finance & Public Policy, Public Policy Analytics, and Smart Cities 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*

- 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.
- Awarded the PIDC-D'Alessio Scholarship for Urban Development in May 2022.

### Pine Street Creative Lab

*Graduate Student Intern*

**Philadelphia, PA**

*November 2022 - Present*

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

### 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 and produced architectural details.
- Developed graphics for project development, client interaction, 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.

## TECHNICAL EXPERTISE & 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* | Nigerian Pidgin English, *native* | French, *conversational*