

# Nathaniel Allen

Data Analyst

[nallen@patchmaker-collab.com](mailto:nallen@patchmaker-collab.com)

[Personal Website](#)

[LinkedIn](#)

☎ (937)-243-6595

📍 Columbus, OH

## Skills

### Professional:

Business Process  
Improvement, Stakeholder  
Engagement, Leadership,  
Collaboration, UI/UX

### Power Platform:

PowerApps (Canvas + Model),  
Power BI, Power Automate,  
Dataverse, Power Fx

### Microsoft 365:

SharePoint, Excel, Word,  
PowerPoint

### Adobe:

Lightroom, Photoshop, InDesign,  
Illustrator

## Education

### Master of Special Education

Xavier University  
(2015-2020) | GPA: 3.86/4.0

### Bachelor of Urban Planning

University of Cincinnati  
(2008-2013) | GPA: 3.55/4.0

## Certifications

### Microsoft Power BI Data Analyst Associate

Valid through 3/2026



### Microsoft Power Platform Fundamentals

Valid through 3/2026



A results-driven Data Analyst with a strong background in leveraging the Microsoft Power Platform and other available tools to develop data-driven solutions that streamline workflows, enhance decision-making, and drive operational efficiency. Experienced in both government and grassroots initiatives, including the Peace Corps, combining technical expertise with a user-centered, problem-solving approach to create innovative and impactful solutions at all levels.

## Professional Experience

### Data Analyst (Rotational Assignment)

*Management Development Program Rotation*

*U.S. Department of Housing & Urban Development (HUD), Office of Residential Care Facilities | Columbus, OH | 2025 – Present*

- Optimized and enhanced multiple existing Power Apps by improving UI/UX, increasing app performance, and restructuring SharePoint lists to streamline data processing.
- Designed and implemented an automated dataflow solution to retrieve and integrate the latest data from CMS.gov, reducing manual data entry and improving data accuracy.
- Developed Power Automate flows to automatically update SharePoint lists referencing external data sources, ensuring real-time data availability for business processes.
- Identified inefficiencies in existing workflows and leveraged Power Platform solutions to improve process automation and operational efficiency.
- Collaborated with stakeholders to understand business needs and implement scalable, data-driven solutions to enhance decision-making.

### Data Analyst

*U.S. Department of Housing & Urban Development (HUD), Office of Public & Indian Housing (PIH) | Columbus, OH | 2023 – Present*

- Serve as PowerApps SME for the Office of Public Housing, leading in the development, maintenance, and optimization of Power Apps, Power BI Dashboards, and Power Automate Flows used by the Department nationwide.
- Identify technical gaps in HUD's data tools and implement automation solutions to improve efficiency and usability.
- Design and develop complex Power Apps applications that are used by leadership and staff across the country. Applications designed include functionality for tracking PHA audits and follow-up, document repository, task completion trackers, and staff onboarding.
- Implement Row-Level Security via security groups throughout dashboards, Power Apps applications, and SharePoint sites.
- Foster collaboration across HUD by regularly sharing and demonstrating best practices for business improvement processes and leading discussions in HUD's Business Analytics Community of Practice.

## **Notable Achievements**

### **HUD's Management Development Program (MDP)**

#### **Class of 2025:**

Headed the development and testing of an Onboarding Power App made by a team of six MDP participants. This app received notable recognition as the most innovative project implemented in the history of the MDP. The app allows for any HUD supervisor or team leader to create and manage a fully customizable Onboarding app for their team, allowing for each team to have their own tasks, internal files, videos, weblinks, and details to assist new staff in their onboarding process.

#### **Special Act Award (2022):**

Voluntarily developed and implemented the Columbus CPD Power BI Dashboard.

### **Presentation to US Congressional Members, US Ambassador, & Embassy Staff, eSwatini (2019):**

Presented before U.S. Congressional members, the U.S. Ambassador, and Eswatini government officials innovative and community-based solutions implemented in my community during my service in the Peace Corps.

## **Community Planning & Development Representative**

*U.S. Department of Housing & Urban Development (HUD), Office of Community Planning & Development (CPD) | Columbus, OH | 2020 – 2023*

- Provided technical guidance on HUD-funded CDBG, HOME, ESG, and CoC programs to a portfolio of 15 municipalities and non-profits.
- Developed and maintained Power BI Dashboards used by the Columbus Field Office for tracking program performance metrics through the creation and use of SharePoint lists.
- Built and maintained multiple Power Apps applications to streamline grant review and approval processes
- Implemented workflow efficiency processes through the creation of Power Automated flows and tools to reduce manual data processing.

## **Peace Corps Volunteer Extender**

*U.S. Peace Corps | Kingdom of eSwatini | 2018-2020*

- Served as Project Developer for a vocational skills program at a special needs school
- Partnered with government agencies and private sector stakeholders to expand economic opportunities for people with disabilities.
- Conducted impact assessment, grant writing, and grant monitoring to ensure sustainability of funded projects.
- Identified and analyzed changes in budgetary/financial constraints, objectives, and available funds that affect project sustainability and longevity
- Analyzed budget data to develop annual and multi-year budget estimates for the vocational skills development activity
- Assisted school management and staff in interpreting the impact of, and planning for, multi-year financial/budgetary changes to the project.
- Monitored and supported educational services for 43,623 Orphan and Vulnerable Children (OVCs) under the USAID/PEPFAR-funded Insika yaKusasa project.
- Collected and analyzed academic progression data, providing targeted interventions for underperforming students of the Insika yaKusasa project.
- Prepared reports to inform and influence eSwatini's Ministry of Education, supporting program continuity and compliance with USAID regulations.

## **Peace Corps Volunteer**

*U.S. Peace Corps | Kingdom of eSwatini | 2016-2018*

- Planned and implemented a community empowerment project to build a house for a homeless person with disabilities using only community-donated materials and labor.
- Facilitated national training workshops on disability advocacy and empowerment.
- Organized workshops and implemented grants to build libraries and bring reading material for 5,849 OVC