Innovation & Performance Analytics – City of Dublin, Ohio

Innovation & Performance Analytics fulfills the City’s mission to provide the best quality of life and environment to its residents and businesses through the allied utilization of traditions and innovations.

**Division services:** spatial data management, data analysis, cartography, researching and implementing new technologies, measuring and improving the success of organization services.

The General 3D Viewer includes 3D visualizations of Dublin’s assets, including trashcans, hydrants, streetlights, and over 93,000 trees!

Internship Duties and Projects

**Day-to-day tasks:**
- Data visualization, cartography, and analysis using ArcGIS Pro and ArcGIS Online, assistance to other city work-units (forestry, planning, transportation & mobility, asset management, etc.), customer service, various research projects relating to city needs.

**Notable Projects:**
- GitHub Repository of Arcade Expressions
- Legislative Affairs Map
- 2023 City Map Books
- 3D Context Scene
- General 3D Viewer
- 3D Combined Trees Layer

In addition to gaining technical skills, I grew professionally through inter-departmental learning experiences such as:
- Vendor mapping at Dublin Irish Festival
- Forestry StoryMap and Job Shadow
- Field Verification of E-Scooter safety buffers

Microsoft’s Power BI and Esri products including ArcGIS Online, StoryMaps, FieldMaps, Urban, and Pro are frequently used in the Division of Innovation and Performance Analytics. I have enjoyed learning and improving these skills throughout my internship.

**New Skills, Experiential Learning**

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Impact on Career Goals

My internship with Dublin has guided me towards a career interest in GIS and data analytics. I plan to seek out educational and professional opportunities in this field as I conclude my undergraduate degree at Ohio State.

Follow the QR code to Dublin’s go-to resource for GIS information.

**Internship Application Process**

- Sought out online application at https://dublinohiousa.gov/career/
- Application included a resume, cover letter, supplemental questions, and references
- Interviewed with the team in mid-October, 2022

My team was based at Dublin City Hall, one of seven public buildings operated by city staff.

Thank you to Langdon Sanders, Rick Frantz, Damon Leonard, Brandon Brown, Bob Taylor, and Tina Wawszkiewicz for your mentorship and kindness during my time with Dublin. I am so grateful to work with fun people who teach me something new every day!

ACKNOWLEDGEMENTS