

James Kasongo Djamba

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WORK EXPERIENCE

GIS ANALYST – ST. LOUIS DEVELOPMENT CORPORATION (SLDC)

St. Louis, MO (October 2023 – Present)

- Build an internal searchable data catalog of all geographic business assets
- Produce web applications, feature services, and dashboards to be published to ArcGIS Enterprise
- Develop scripts, models, and templates for geoprocessing and data development
- Create mobile applications through ESRI products such as Field Maps and Collector
- Maintain the company's geodatabases while coordinating with other data managers and users
- Develop Survey123 forms for emergency data collection
- Work with many teams to develop maps and graphics for public decision making and internal use

GIS SPECIALIST – ST. LOUIS STREET DEPARTMENT

St. Louis, MO (February 2022 – October 2023)

- Developed mapping applications to facilitate city infrastructure management and decision making
- Created and maintained geographic data for multiple entities under the Street Department
- Trained staff on data management, technology usage, and processing tasks
- Communicated with division heads to identify the best practices to keep data up to date
- Produced and visualized maps and data for stakeholders and public use
- Collected and formatted waste collection records and street infrastructure
- Assisted staff with diagnosis of software and hardware issues

PLANNER I – SHREVEPORT CADDO METROPOLITAN PLANNING COMMISSION (MPC)

Shreveport, LA (May 2019 – January 2022)

- Developed GIS maps and data to be used in presentations, meetings, and notification systems
- Review wireless telecommunication construction projects
- Managed the Planning Commission and Historic Preservation Commission website
- Researched statistical data in order to develop recommendations and reports
- Identified and conducted research on communities in proximity to potential projects
- Responded to government and citizen request for reports and statistical data

DESIGN ADMINISTRATION STUDENT/GRADUATE ASSISTANT

Auburn University, AL (September 2018 – May 2019)

- Incorporated infrastructure and building plans into the university's GIS database
- Updated floor plan and other drawings onto the Auburn University Facilities' database
- Scanned and gathered information on old building blueprints

PLANNING INTERN – DOTHAN PLANNING & DEVELOPMENT

Dothan, AL (May 2018 – August 2018)

- Formatted and updated city data in preparation for the 2020 US Census
- Created an inventory of commercial properties comprising maps, building sizes, etc.
- Organized site visits to verify parcel conditions

EDUCATION

Auburn University

Bachelor of Environmental Design

Minor in Industrial and Graphic Design Processes

2014 – 2017

Auburn University

Master of Community Planning

2017 – 2019

PROFESSIONAL SKILLS

- Extensive GIS mapping and data analysis experience (ArcGIS Enterprise, ArcGIS Pro)
- Extensive data collection, analysis, and formatting skills (Survey123, Excel)
- Extensive design skills (Adobe Photoshop, Illustrator, Dreamweaver, InDesign, etc.)
- Extensive website management experience (HTML, CSS, WordPress, Squarespace, Granicus, etc.)
- Excellent technical writing and report skills (Word, Excel, Power Query, Access, and PowerPoint)
- Proficient database management skills (SQL and Microsoft SQL Server Management Studio)
- Proficient speaking, reading, and writing in French