BrightWorld Labs

TECHNICAL SOLUTIONS FOR WORLD PROBLEMS

BrightWorld Labs

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Business
Introduction

We solve your complex challenges through state-of-the-art artificial intelligence (AI) and computing techniques. Decision-makers require the knowledge they need, extracted from the vast sea of data. For instance, in our 20-plus years of experience, we:

▷ **Top international organizations**

Uncovered patterns in disease epidemics for **World Health Organization (WHO)** and built AI machine learning models to predict outbreaks and identify significant causes.

▷ **National government agencies**

Conducted fundamental and applied research in visualization and analysis techniques for national intelligence with the **Department of Homeland Security (DHS)**, USA.

▷ **Leading private companies**

Developed automated mapping techniques for **Kuwait Oil Company** and trained **Burgan Bank**, Kuwait, staff in state-of-the-art data management.

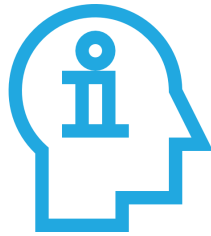▷ **Top-tier research universities**

Collaborated with **The Pennsylvania State University**, USA, to find modern techniques to derive meaning from massive and messy text-based documents.

Our
Services

Technology is fantastic when it improves our lives. Accordingly, we can enhance your organization's efficiency, lower costs, and teach your workforce for added expertise.

Consulting

We understand your business needs and create the most straightforward solutions for your complex problems. Our 20-plus years of experience include being given challenging issues and finding solutions.

Training

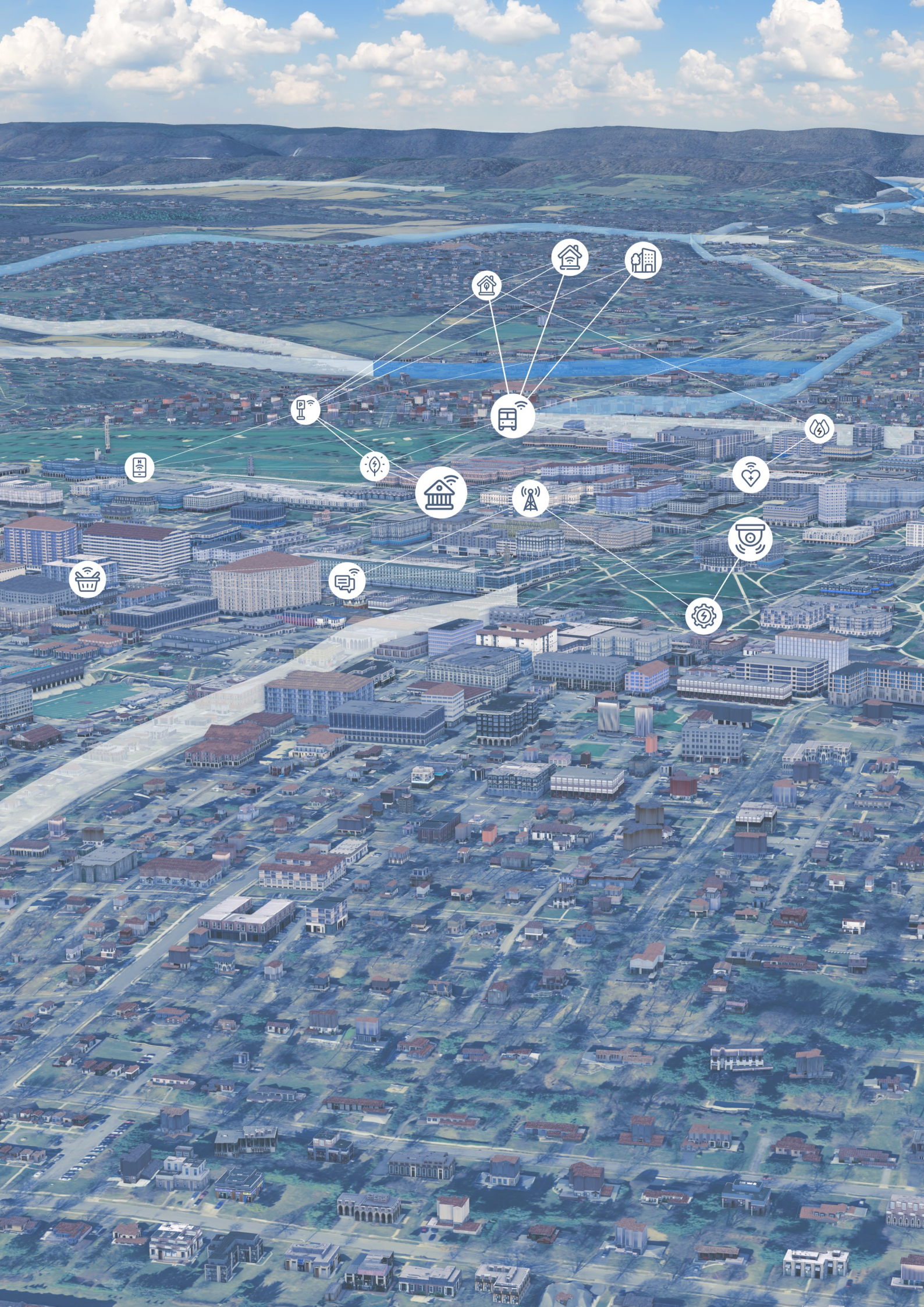Train your personnel on state-of-the-art computing technologies, including sample applications customized for your industry. Our leading international experts will modernize your workforce.

Products

Turn your unstructured text data into a more accessible format for analysis. We ingest your documents, automatically recognize vital words like places and organizations, and attach their real-world coordinates.

Why
Choose Us?

The World is complicated. Our experts have hands-on experience, so we can use technology to solve your organization's most complex problems.

- **+** Computer technology scientists and experts with **over 20 years of experience**.

- **+** We conduct scientific research and have **published over 30 articles** in top international academic journals and conferences.

- **+** Technical development experience combined with **comprehensive AI, Data Science, and Geospatial knowledge**.

- **+** **NASA and The United States Geospatial Intelligence Foundation (USGIF)** recognized our contributions through recent **awards**.
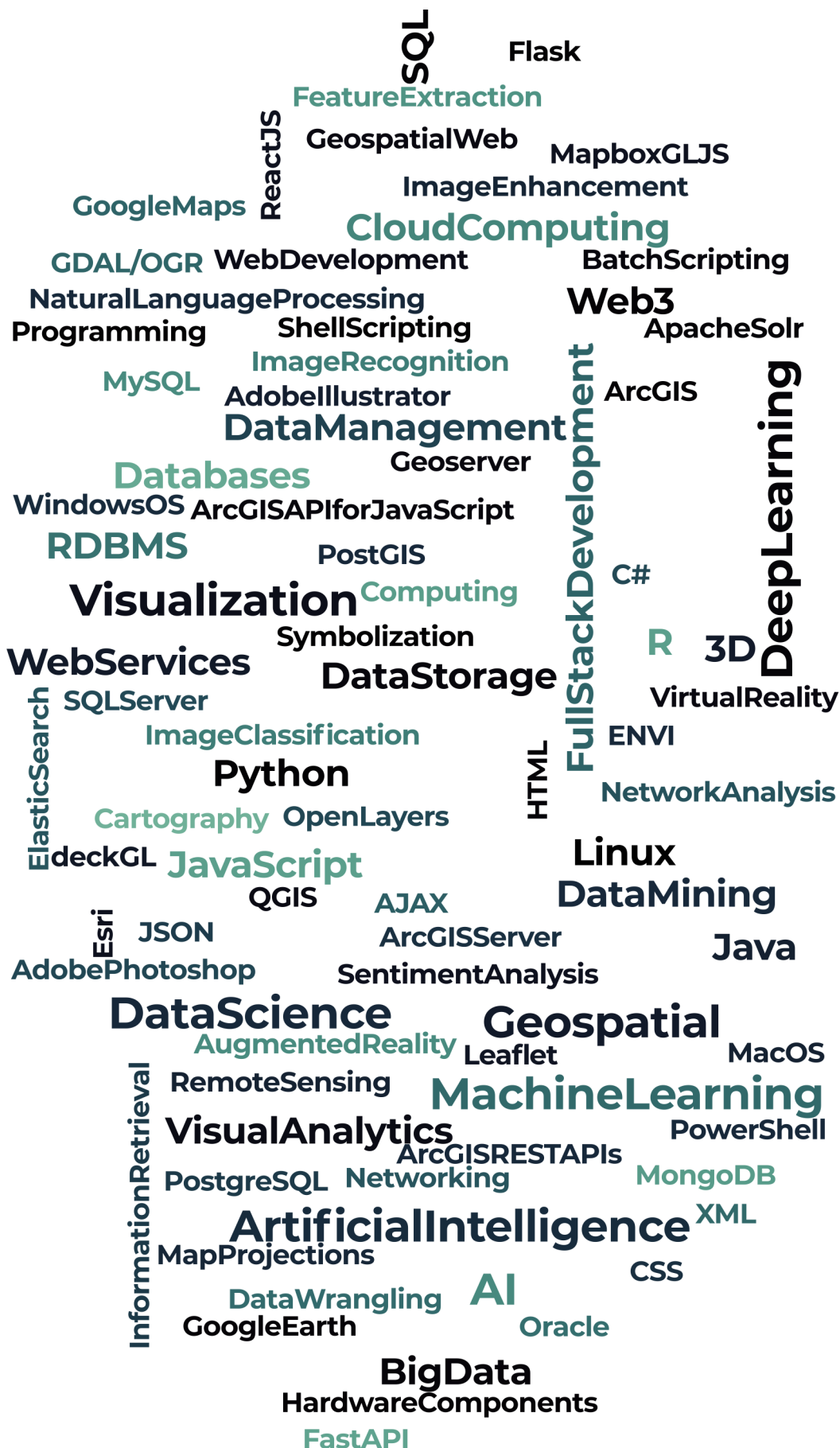
- **+** We implemented diverse projects for agencies involved in **security, national intelligence, health, and oil & gas**.

- **+** **Ph.D. in Informatics** specializing in **artificial intelligence** from a **highly ranked research university in the USA**.

Technological
Expertise

SQL
Flask
FeatureExtraction
ReactJS GeospatialWeb MapboxGLJS
ImageEnhancement
GoogleMaps CloudComputing
GDAL/OGR WebDevelopment BatchScripting
NaturalLanguageProcessing Web3
Programming ShellScripting ApacheSolr
ImageRecognition
MySQL AdobeIllustrator ArcGIS
DataManagement
Databases Geoserver
WindowsOS ArcGISAPIforJavaScript
RDBMS PostGIS
Visualization Computing C#
Symbolization R 3D
WebServices DataStorage
SQLServer VirtualReality
ImageClassification ENVI
Python
Cartography OpenLayers NetworkAnalysis
deckGL JavaScript Linux
QGIS AJAX DataMining
JSON ArcGISServer Java
AdobePhotoshop SentimentAnalysis
DataScience Geospatial
AugmentedReality Leaflet MacOS
RemoteSensing MachineLearning
VisualAnalytics PowerShell
ArcGISRESTAPIs
PostgreSQL Networking MongoDB
ArtificialIntelligence XML
MapProjections CSS
DataWrangling AI
GoogleEarth Oracle
BigData
HardwareComponents
FastAPI

Esri
ElasticSearch
InformationRetrieval
FullStackDevelopment
HTML
DeepLearning

BrightWorld Labs
TECHNICAL SOLUTIONS
FOR WORLD PROBLEMS

When technology solves our problems, it is fantastic. BrightWorld Labs focuses on real-world issues and ensures our technologies create solutions. Fusing many types of information through a science-based approach helps us holistically comprehend our interconnected challenges.