AUMPLEX
CAPABILITIES STATEMENT

Aumplex is a California Certified Small Business. Our AI Automation Workbench transforms commercial, public, and private data into predictive insights. We provide secure, human-in-the-loop data annotation rubrics across text, computer vision, and multimodal formats for high-quality data accuracy, efficiency, and superior decisions.

Core Competencies

AI Data Science and Analytics: AI/ML Application Design, Development, Deployment, & Integration - Data Preparation & Labeling/Annotation - Natural Language Processing (NLP) – Imaging - Optical Character Recognition (OCR) - Search & Recommendation Systems - Business Intelligence & Insight - Structured & Unstructured Text & Image Data Analytics - Predictive Analytics - Mining, & Visualization.

Digital Transformation: AI Opportunity Evaluation & Measurement, AI Data Strategy & Planning, AI Training & Support, AI Safety & Security.

Research & Development: Applied AI/ML/NLP

Unique Differentiators

Aumplex delivers 30 plus years of proven innovation driven by thoughtful design and good taste. Our AI Workbench—Qwixzer, Indxt, and Picxtra—deploys compliance grade annotation rubrics to eliminate data defects and transform raw multimodal inputs into secure, high-fidelity decision support systems with measurable accuracy.

Top Use Cases & Applications

Aumplex secures AI compliance. Standard LLMs hallucinate on regulatory data; our patented workbench fixes this by locking active schemas directly into machine learning pipelines. Using compliance OCR and human-in-the-loop validation, we catch model errors before they compromise data accuracy.

Past Performance Includes: CA DRE, CDI, & NMLS: Evaluating complex risk portfolios, underwriting metrics, and transaction streams. **Medicare & Healthcare:** Mapping biomedical ontologies via a HIPAA-compliant, CMS-qualified EHR platform auditing 51 federal clinical quality measures. **E-Commerce/eBay:** Engineering an enterprise platform capable of processing $60B in annual transactions.

Company Snapshot

S-Corporation Established: 2018

CAGE: 8G4W4 UEI: VEH7CXL5EGE5

Accepts Credit and Purchase Cards

Pertinent Codes

NAICS	NAICS	UNSPC
513210	541714	43000000
518210	541715	80101500
541511	541611	80101507
541512	541990	81000000
541519	541618	81160000
541690	541330	81111810
		81111500
		81112200

Licenses, Certifications, & Citations:

CA SB #2017671, CA DRE: 02009074, NMLS: 1829222, CA Dept. Insurance: 0L88065

Artificial Intelligence Patent:
US20130268532A1; WO2013154947A1; CA2873210A1; EP2836920A4

Artificial Intelligence Patent Forward Citations on Following Page

Contact

POC: Sundeep Doshi

email: office@sundeepdoshi.com

Phone: 415-324-9225

Address: 1749 Arlington Blvd.
El Cerrito, CA 94530

Visit Our Website: www.aumplex.com

AUMPLEX Artificial Intelligence Patent Citation Portfolio (Key: "*" = Cited by Examiner)

Patent Number	Dates	Assignee / Company	Patent Title
WO2016006098A1*	2014-07-11 / 2016-01-14	株式会社日立製作所	Data processing system, database management system, and data processing method
US20170060992A1*	2015-08-27 / 2017-03-02	IBM Corp.	Associating contextual structured data with unstructured documents on map-reduce
US9607331B2*	2013-08-01 / 2017-03-28	Google Inc.	Near-duplicate filtering in search engine result page of online shopping system
CN106572108A*	2016-11-08 / 2017-04-19	杜少波	Neighborhood distance based intrusion feature selection method
WO2018081703A1*	2016-10-28 / 2018-05-03	Intelligent Medical Objects	Extracting patient data to provide provider and patient data similarity scoring
US10304000B2*	2017-04-13 / 2019-05-28	Flatiron Health, Inc.	Systems and methods for model-assisted cohort selection
US10445329B2*	2016-05-13 / 2019-10-15	Equals 3 LLC	Searching structured and unstructured data sets
US20200117737A1*	2018-10-16 / 2020-04-16	LeapAnalysis Inc.	Fast heterogeneous multi-data source search and analytics
US20200380214A1*	2017-05-10 / 2020-12-03	Oracle International	Enabling rhetorical analysis via the use of communicative discourse trees
US20200410166A1*	2017-05-10 / 2020-12-31	Oracle International	Enabling chatbots by detecting and supporting affective argumentation
US20210042473A1*	2017-05-10 / 2021-02-11	Oracle International	Enabling chatbots by validating argumentation
US10936539B2*	2018-06-04 / 2021-03-02	SAP SE	Source data assignment based on metadata
CN112965987A*	2021-03-31 / 2021-06-15	华申数科信息科技	Method and application of efficient fuzzy retrieval with authority for digital governance
US20220035880A1*	2011-03-14 / 2022-02-03	Amgine Technologies	Determining feasible itinerary solutions
US11321536B2*	2019-02-13 / 2022-05-03	Oracle International	Chatbot conducting a virtual social dialogue
US11341144B2*	2005-02-28 / 2022-05-24	Pinterest, Inc.	Methods of and systems for searching by incorporating user-entered information
US11373632B2*	2017-05-10 / 2022-06-28	Oracle International	Using communicative discourse trees to create a virtual persuasive dialogue
US20220253611A1*	2017-05-10 / 2022-08-11	Oracle International	Techniques for maintaining rhetorical flow
US20220318513A9*	2017-05-10 / 2022-10-06	Oracle International	Discourse parsing using semantic and syntactic relations
US20220319650A1*	2021-03-30 / 2022-10-06	Siemens Healthcare GmbH	Method and System for Providing Information About a State of Health of a Patient
US11562135B2	2018-10-16 / 2023-01-24	Oracle International	Constructing conclusive answers for autonomous agents
US11615145B2	2017-05-10 / 2023-03-28	Oracle International	Converting a document into a chatbot-accessible form via communicative discourse trees
US20230142718A1*	2021-11-10 / 2023-05-11	Pencil Learning Tech	Systems and methods for generating dynamic feed of educational content
US11675783B2*	2020-06-30 / 2023-06-13	Microsoft Tech Licensing	Using a search to determine what a group of people are working on
US11763212B2	2011-03-14 / 2023-09-19	Amgine Technologies	Artificially intelligent computing engine for travel itinerary resolutions
US11941552B2	2015-06-25 / 2024-03-26	Amgine Technologies	Travel booking platform with multiattribute portfolio evaluation
CN118093654A*	2024-02-19 / 2024-05-28	中国科学院空间应用中心	Method and system for supporting large-scale data query of aerospace engineering
US12001804B2	2017-05-10 / 2024-06-04	Oracle International	Using communicative discourse trees to detect distributed incompetence
US12135752B2	2016-05-13 / 2024-11-05	Equals 3, Inc.	Linking to a search result
US12143347B2	2022-08-25 / 2024-11-12	Equals 3, Inc.	Providing a system-generated response in a messaging session
US12530531B2	2017-09-28 / 2026-01-20	Oracle International	Management of a focused information sharing dialogue based on discourse trees
Family to Family Citations			
US20090049018A1	2007-08-14 / 2009-02-19	John Nicholas Gross	Temporal Document Sorter and Method Using Semantic Decoding and Prediction
CN105843867B*	2016-03-17 / 2019-09-03	畅捷通信息技术	Metadata Model-based Retrieval Method and Metadata Model-Based Retrieval Device
KR20170126344A	2016-05-09 / 2017-11-17	엘에스산전 주식회사	Apparatus for managing local monitoring data
CN107908624A*	2017-12-12 / 2018-04-13	太原理工大学	A kind of K medoids Text Clustering Methods based on all standing Granule Computing
US11544293B2	2018-04-20 / 2023-01-03	Fabulous Inventions AB	Computer system and method for indexing and retrieval of partially specified type-less semi-infinite information
WO2019203718A1*	2018-10-26 / 2022-02-03	Eureka Analytics Pte Ltd	Mathematical Summaries of Telecommunications Data for Data Analytics
CN112905644B*	2021-03-17 / 2022-08-02	杭州电子科技大学	Mixed search method fusing structured data and unstructured data