

## ANALYTICAL & STRATEGIC CAPABILITIES

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- Ability to integrate diverse data and communicate actionable insights to executive decision-makers
- Development of machine learning models for market sizing, forecasting, and segmentation
- Effective use of data science to ingest, analyze, and visualize complex datasets
- Experienced contributor to data science, market intelligence, and competitive strategy communities at Intel
- 10 years' experience in consulting, corporate strategy & analytics, market intelligence, and data science
- Graduate degree in data science, specializing in NLP, ML systems engineering, and generative AI

## WORK & LEADERSHIP EXPERIENCE

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### Intel Corporation

Hudson, MA

*Manager, Competitive Strategy & Analytics, Corporate Strategy & Ventures (CSV)*

May 2021 – Present

- Developed AI market forecasts and competitive intelligence insights to support product definition, market strategy, roadmap decision-making, and capacity planning for Intel's datacenter GPU and AI accelerator portfolio
- Saved over \$2.5M in consulting fees by pioneering a novel internal consulting model with a cross-functional team to deliver comprehensive R&D spending and headcount benchmarks to Intel's executive leadership team
- Built a distribution list of over 2000 employees to publish reports on competitor quarterly earnings and events, business and technology strategy, and custom research to educate Intel's executive decision-makers

*Analyst, Market Intelligence, Data Center and AI (DCAI)*

December 2017 – May 2021

- Project manager and technical lead for Intel's Data Center & AI Market View model, the 'one source of truth' for Intel's data center and AI TAM for executive leadership and the primary input to Intel's long-range planning process that determines the five-year demand, supply, revenue, capital spending, and capacity planning targets for the business
- Automated data ingestion, analysis, and visualization pipeline with R and Python for the Market View model
- Developed a server installed base and customer server fleet model to quantify the risk of security threats and evaluate product warranty options; Expanded model to analyze datacenter energy usage growth that helped define Intel's 2020 corporate sustainability objectives for carbon-neutral computing

### International Planning & Research

Waltham, MA

*Senior Consultant*

June 2017 – December 2017

*Consultant*

March 2016 – June 2017

*Research Analyst*

September 2014 – March 2016

- Project manager and lead analyst of competitive intelligence project for two separate million-dollar consulting engagements with global technology clients
- Combined statistical modeling techniques and domain knowledge to forecast cloud infrastructure and software markets; Client used model output to inform sales targets across market segments and regions
- Designed and developed data visualization tools and dashboards in R, Excel, and SAS that were used by clients to summarize and explain high-dimensional datasets

## EDUCATION

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### University of California, Berkeley School of Information

Berkeley, CA

*Master of Science in Information & Data Science (MIDS)*

August 2024

- **Product:** [Divitiae.AI: Democratizing Financial Data with Generative AI \(August 2024\)](#)
- **Project:** [Deploying FastAPI ML App in Kubernetes to Microsoft Azure \(Dec 2023\)](#)
- **Publication:** [ECTQA: Expanding Earnings Call Transcript Summarization \(May 2023\)](#)

### Boston University Questrom School of Business

Boston, MA

*Bachelor of Science in Business Administration, Magna Cum Laude*

May 2014

- **Study Abroad:** University College Dublin – Quinn School of Business

Spring 2013

## SKILLS, ACTIVITIES & INTERESTS

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**Technical Skills:** R, Python (Pandas, NumPy, scikit-learn), PyTorch, TensorFlow/Keras, Hadoop/MapReduce, Databricks, Spark, PostgreSQL, NoSQL (MongoDB, Redis), Git/GitHub, Bash, Docker, Kubernetes, SAS, Excel, PowerPoint, Word, VBA, PowerBI/Tableau, Cloud (AWS, Azure, GCP)

**Languages:** Fluent in English, Limited Proficiency in Mandarin Chinese

**Interests:** Playing piano and guitar, traveling, reading, weightlifting, basketball