

# Micah Dunn

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## SUMMARY

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Results-driven Applied AI/ML Vice President with over 8 years in machine learning and data science. Expertise includes developing AI solutions that yield business impact through innovative models and strategies. Experience includes collaboration with cross-functional teams to implement state-of-the-art systems, leading AI initiatives and building predictive pipelines for applications like NLP and personalized recommendations. Proven commitment to mentoring and fostering an environment of learning and excellence. Strong communicator skilled at conveying complex concepts clearly to diverse stakeholders.

## EXPERIENCE

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### Applied AI/ML Vice President

January 2022 - Present

Data Solutions Corporation

Chicago, IL

Oversee development of cutting-edge machine learning models tailored to enhance operations and efficiency across divisions.

- Drive strategic design and implementation of advanced ML solutions addressing significant business complexities.
- Foster collaboration among product owners and engineers to ensure seamless integration of ML outcomes.
- Develop comprehensive end-to-end ML pipelines catering to various use cases including recommendation systems.
- Mentor junior staff, promoting knowledge sharing and a culture of innovation within the organization.

### Senior Data Scientist

March 2018 - December 2021

Tech Innovations LLC

New York, NY

Directed design and deployment of ML models aimed at resolving real-world challenges across varied industries.

- Leveraged Python and TensorFlow for model creation, seamlessly merging solutions into existing software frameworks.
- Performed rigorous experimentation ensuring algorithms met dynamic business requirements and performance benchmarks.
- Collaborated with cross-disciplinary teams, extracting vital insights that guided project direction and prioritization.
- Presented results articulately to key stakeholders, translating technical findings into actionable business strategies.

### Data Scientist

June 2015 - February 2018

Smart Tech Solutions

Los Angeles, CA

Utilized machine learning techniques to extract meaningful insights from extensive datasets, influencing decision-making.

- Applied statistical methods to develop predictive models impacting marketing strategies and customer engagement outcomes.
- Delivered presentations detailing analytical findings to executive audiences, catalyzing informed strategic decisions.
- Collaborated with various departments to build understanding of data insights and promote data-driven culture.
- Enhanced operational workflows, significantly streamlining processes leveraging data analysis.

## LEADERSHIP & AWARDS

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- Recipient of Excellence in Innovation Award for pioneering an ML solution that improved client satisfaction metrics effectively.
- Recognized as Emerging Leader by Tech Innovations LLC for pivotal contributions towards AI-driven projects that enhanced ROI.

## EDUCATION

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### Master's Degree in Data Science

2015

University of California, Berkeley GPA: 3.9

Berkeley, CA

**Coursework:** Machine Learning, Data Mining, Big Data Technologies, Statistical Methods

## CERTIFICATIONS

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- Certified Machine Learning Specialist 📅 2021
- AWS Certified Machine Learning – Specialty 📅 2022

## TECHNICAL SKILLS

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- **Programming Languages:** Python, Java
- **Machine Learning Toolkits:** TensorFlow, PyTorch, Scikit-Learn
- **Data Visualization Tools:** Tableau, Matplotlib, Seaborn
- **Cloud Computing Services:** AWS, Azure, Google Cloud
- **Databases:** MySQL, PostgreSQL, MongoDB

- **Version Control Systems::** Git, GitHub, Bitbucket
- **Data Processing Technologies::** Hadoop, Spark, Kafka
- **Deployment Tools::** Docker, Kubernetes, Jenkins
- **Collaboration Tools::** Slack, Jira, Trello
- **Presentation Software::** PowerPoint, Google Slides, Prezi

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## SKILLS

- Machine Learning
- Deep Learning
- Natural Language Processing (NLP)
- Python
- TensorFlow
- PyTorch
- Data Visualization
- Big Data Technologies
- Cloud Computing
- Communication Skills
- Recommendation Systems
- Predictive Analytics
- Statistical Analysis
- Model Optimization
- AutoML Pipelines
- Real-Time Processing

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## PROFESSIONAL AFFILIATIONS

- Member of the AI Ethics Council advocating responsible AI usage in financial technology.
- Active participant in local Data Science Meetup groups for skill enhancement and community collaboration.

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## LANGUAGES

- English (Native)
- Spanish (Proficient)

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## ADDITIONAL INFORMATION

**Work Status** : Authorized to work in United States. No sponsorship required.

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## REFERENCES

AVAILABLE ON REQUEST