



# HIDEO ARAKI

## Senior Data Scientist

Data science leader with over 10 years in IT spearheading data initiatives for multibillion-dollar corporations and high-growth startups. Known for building high-performing teams, developing production-grade ML solutions, and translating abstract data into actionable business strategy.

### CONTACT



(123) 456-7890



email@example.com



LinkedIn | Portfolio



Minneapolis, MN 12345

### EDUCATION

Master of Science (M.S.) in Data Science |  
University of Tennessee, Knoxville, TN |  
June 2016

Bachelor of Science (B.S.) in Computer  
Science | University of Tennessee,  
Knoxville, TN | May 2012

### SKILLS

- Apache Spark, Cloudera, Docker, EC2, Jira, S3, SageMaker, sci-kit-learn, SAS, Tableau
- C++, Java, Python, R, Scala, SQL
- Engaging stakeholder communication
- Geospatial analysis and infrastructure planning
- Mentorship and junior staff development
- Predictive analytics for subscriber behavior

### PROFESSIONAL EXPERIENCE

#### SENIOR DATA SCIENTIST | NOVEMBER 2019 – PRESENT COX COMMUNICATIONS, NASHVILLE, TN

- Oversee data science initiatives for a \$20 billion telecommunications company
- Mentor a team of six junior data scientists and offer professional developmental support
- Present quarterly business reviews to executive leadership, translating insights on subscriber behavior, network performance, and marketing effectiveness
- Improved CSAT scores by 15% and reduced average handling times by 45 seconds with the development of a deep learning model for Cox's customer support chatbot
- Developed Markov chain model assessing 12 touchpoints and optimizing \$50 million quarterly marketing spend

#### DATA SCIENTIST | MAY 2016 – OCTOBER 2019 DATA CLOUD SOLUTIONS, REMOTE

- Delivered end-to-end solutions for more than 20 clients across telecommunications, technology, and retail industries
- Created NLP model for sentiment analysis of over 1 million monthly social media mentions for real-time brand insights and crisis detection
- Increased gross margins by 12% (\$3.6 million) for an e-commerce client with the implementation of a reinforcement learning model for pricing optimization
- Led four annual data science workshops and hackathons for a 50-person team of analysts, engineers, and scientists

### CERTIFICATIONS

- Certified TensorFlow Developer, TensorFlow, 2018
- Certified Cloudera Data Scientist, Cloudera, 2017
- Advanced Analytics Professional, Statistical Analysis Software Institute, 2015