

# WILLIAM CROW

ARTIFICIAL INTELLIGENCE RESEARCHER

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Boston, MA, USA

US Citizen

## SUMMARY

Artificial Intelligence Researcher specializing in developing advanced machine learning algorithms and conducting empirical studies. Contributed to peer-reviewed publications, model optimization, and real-world AI deployment across diverse domains. Proven track record in collaborative projects and innovation-driven environments.

## WORK EXPERIENCE

### Senior Artificial Intelligence Researcher | Cognitia Labs

June 2020 - Present

Lead research on advanced machine learning models and coordinate cross-functional teams to deliver novel AI solutions.

- Design and implement scalable deep learning algorithms for natural language processing
- Publish peer-reviewed research papers in leading AI journals and conferences
- Mentor junior researchers and internship cohorts
- Collaborate with product engineering teams to deploy AI models into client-facing applications

### Artificial Intelligence Engineer | Atlas AI Solutions

March 2017 - May 2020

Developed and optimized deep learning architectures for enterprise clients, focusing on automation and real-time analytics.

### AI Research Associate | Invisionate Research Center

September 2014 - February 2017

## CERTIFICATIONS

### Deep Learning Specialization | Coursera (deeplearning.ai)

March 2021

Comprehensive certification covering neural networks, hyperparameter tuning, and advanced AI applications.

### Professional Machine Learning Engineer | Google Cloud

July 2019

Validated skills in designing, building, and deploying machine learning models at scale.

## EDUCATION

### Ph.D. Computer Science | Massachusetts Institute of Technology, Cambridge

2010 - 2014

### Bachelor of Science Mathematics | University of California, Berkeley, Berkeley

2006 - 2010

## SKILLS

Natural Language Processing (NLP) | Deep Learning & Neural Networks | Reinforcement Learning | Computer Vision | Statistical Data Analysis | Algorithm Design | Model Deployment & ML Ops | Scientific Writing & Publication | Python, TensorFlow, PyTorch, Keras

## SOFT SKILLS

Analytical Thinking | Problem Solving | Collaborative Leadership | Effective Communication | Project Management | Mentoring and Coaching | Adaptability | Critical Thinking