John Doe

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Objective:

To obtain a position as a computer science researcher in a leading research organization that enables me to utilize my research skills and expertise in machine learning and artificial intelligence.

Education:

Ph.D. in Computer Science, University of California, Los Angeles, May 2021

Dissertation Title: “Adversarial Attacks and Defenses in Deep Learning Models”

Advisor: Dr. Jane Smith

Research Interests: Deep Learning, Computer Vision, Adversarial Machine Learning

M.S. in Computer Science, University of California, Berkeley, May 2016

B.S. in Computer Science, University of California, San Diego, May 2014

Research Experience:

Postdoctoral Researcher, Massachusetts Institute of Technology, Sep 2021 – present

Conducted research on adversarial attacks and defenses in deep learning models

Published 2 papers in top-tier conferences and journals in the field of machine learning and computer vision

Research Assistant, University of California, Los Angeles, Sep 2016 – May 2021

Worked on developing adversarial attacks and defenses in deep learning models

Contributed to the publication of 3 papers in top-tier conferences and journals in the field of machine learning and computer vision

Visiting Researcher, Stanford University, Summer 2019

Conducted research on few-shot learning in computer vision

Collaborated with 3 researchers in the field of computer vision

Teaching Experience:

Lecturer, University of California, Los Angeles, Sep 2020 – Dec 2020

Taught courses on Introduction to Machine Learning to 50 students

Developed course materials, assignments, and exams

Received the Best Teaching Assistant Award for excellence in teaching

Teaching Assistant, University of California, Los Angeles, Sep 2018 – Dec 2019

Assisted in teaching courses on Computer Vision to 100 students

Graded assignments and exams

Conducted office hours and provided support to students

Skills:

Programming Languages: Python (Expert), C++ (Proficient), Java (Proficient), MATLAB (Proficient)

Machine Learning: Deep Learning (Expert), Convolutional Neural Networks (Expert), Generative Adversarial Networks (Expert), Reinforcement Learning (Proficient)

Data Mining: Clustering (Expert), Association Rule Mining (Proficient), Outlier Detection (Proficient), Anomaly Detection (Proficient)

Natural Language Processing: Sentiment Analysis (Proficient), Text Classification (Proficient), Named Entity Recognition (Proficient)

Operating Systems: Linux (Expert), Windows (Proficient), MacOS (Proficient)

Honors and Awards:

Best Paper Award, IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2020

ACM SIGKDD Dissertation Award Runner-up, 2021

NVIDIA Graduate Fellowship, 2020-2021

Google PhD Fellowship, 2018-2020

Professional Activities:

Member, Association for Computing Machinery (ACM)

Member, Institute of Electrical and Electronics Engineers (IEEE)

Reviewer, IEEE Transactions on Pattern Analysis and Machine Intelligence (PAMI)

Reviewer, ACM Transactions on Intelligent Systems and Technology (TIST)

Publications:

John Doe, Jane Smith, "Adversarial Examples in Deep Learning: A Comprehensive Survey," IEEE Transactions on Neural Networks and Learning Systems, vol. 32, no. 4, pp. 1547-1570