




## ALEX PATEL

### AI/ML Engineer (Entry Level)

 [alex.patel@email.com](mailto:alex.patel@email.com) |  (555) 987-6543 |  [linkedin.com/in/alexpatel](https://linkedin.com/in/alexpatel)

 Boston, MA

---

### PROFESSIONAL SUMMARY

Recent Computer Science graduate with strong foundation in artificial intelligence and machine learning. Completed multiple practical projects in deep learning, computer vision, and natural language processing. Seeking to leverage academic excellence and hands-on project experience in an entry-level AI position.

### EDUCATION

#### Master of Science in Artificial Intelligence

Massachusetts Institute of Technology | 2023-2024

- GPA: 3.9/4.0
- Relevant Coursework: Deep Learning, Natural Language Processing, Computer Vision, Machine Learning

#### Bachelor of Science in Computer Science

University of California, Berkeley | 2019-2023

- GPA: 3.8/4.0
- Minor in Mathematics

### PROJECTS

#### Sentiment Analysis for Healthcare Reviews

- Developed a BERT-based model achieving 92% accuracy in analyzing patient feedback
- Implemented data preprocessing pipeline handling 50,000+ medical reviews
- Created interactive dashboard for result visualization using Streamlit

#### Computer Vision for Plant Disease Detection

- Built CNN model with 89% accuracy in identifying 38 different plant diseases
- Utilized transfer learning with ResNet50 architecture
- Deployed model as mobile-friendly web application

#### Chatbot for Student Services

- Created GPT-based chatbot handling common student queries
- Implemented RAG system with university documentation
- Reduced response time for standard queries by 80%

## INTERNSHIPS

### AI Research Intern | TechLabs Inc. | Summer 2023

- Assisted in developing deep learning models for speech recognition
- Conducted experiments with various model architectures
- Contributed to data preprocessing and augmentation pipelines

## TECHNICAL SKILLS

- **Programming:** Python, R, SQL
- **ML/DL Frameworks:** PyTorch, TensorFlow, Scikit-learn
- **AI Tools:** Hugging Face, OpenAI API, LangChain
- **Data Processing:** Pandas, NumPy, NLTK
- **Visualization:** Matplotlib, Seaborn, Plotly
- **Version Control:** Git, GitHub
- **Cloud Platforms:** Basic AWS, Google Cloud

## CERTIFICATIONS

- Deep Learning Specialization - Coursera
- Machine Learning - Stanford Online
- Python for Data Science - IBM

## ACADEMIC ACHIEVEMENTS

- Dean's List: All semesters
- Best Undergraduate Thesis Award 2023
- AI Student Innovation Award 2023

## PUBLICATIONS

- "Novel Approach to Medical Image Classification" - Student Research Journal 2023
- "Efficient Training Methods for Small Dataset ML" - University Technical Review