

HARLAN JONES

harlanljones.com | [LinkedIn](#) | [GitHub](#)

EDUCATION

Boston University

Graduated May 2025

Bachelor of Science in Computer Engineering

- 3.12 **GPA**, Dean's List
- Received a **B or better grade in the following relevant courses**: Computational Linear Algebra; Discrete Mathematics; Probability, Statistics, and Data Science; Software Design; Client-Server Software Design; Cloud Computing; and Deep Learning.

EXPERIENCE

Luxottica Group

Summer 2021

Sales Associate

- **Exceeded** store sales goals through proactive customer and coworker engagement.
- **Assisted** in daily store operations, including visual merchandising, inventory management, and point-of-sale transactions.

Waiter.com

Summer 2023

Data Scientist Intern

- **Researched** recommendation algorithms, such as collaborative and content-based filtering.
- **Prototyped** a machine learning model using Python libraries like NumPy, Pandas, and Scikit-learn for predicting user meal preferences based on order history.
- **Leveraged** natural language processing and feature engineering techniques.

Boston University EC528

Fall 2024

Cloud Computing Team Engineer

- **Created** a Python CLI to automate the deployment of containerized AI applications on Google Cloud Platform (GCP), managing infrastructure, data, and user authentication.
- **Developed** a scalable backend on GCP using Cloud Run for serverless compute, Artifact Registry for Docker images, and Firebase for secure authentication.
- **Streamlined** the user experience with automated data ingestion from HuggingFace and Kaggle and simple commands for lifecycle management.

Boston University EC523

Spring 2025

Deep Learning Team Engineer

- **Engineered** generative adversarial networks (GANs) in PyTorch to supplement a limited medical imaging dataset of pneumonia screenings.
- **Improved** a residual neural network (ResNet-50) classifier's accuracy by approximately 10 percentage points using GAN-generated data for training.
- **Analyzed** synthetic image quality quantitatively (SSIM) and qualitatively (Grad-CAM) to validate the effectiveness of the machine learning pipeline.