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**: Introductory Programming; Computational Linear Algebra; Discrete Mathematics; Differential Equations; Probability, Statistics, and Data Science; Software Design; Cloud Computing; Senior Design Project.

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 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.