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Adam Kocsis

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Education

University of Florida

Bachelor of Science in Computer Science

GPA: 3.78/4.00

Relevant Coursework: Relevant Coursework: Fund Machine Learning, Deep Learning Comp Graphics, Comp Linear Algebra, Differential Equations, AI Fundamentals, Intro to Software Engineering

September 2021 – May 2024

Boston University

Masters in Artificial Intelligence

September 2024 – Current

Skills

Technical:

- Python, Libraries: (**tensorflow**, pandas, **keras**, **pytorch**, **requests**, math, **OpenCV**), C++, Libraries: (SFML, STD, **fstream**), **HTML**, **Android Studio**, **Git**, Microsoft Excel, MATLAB Languages:
- English (Native), Hungarian (Native)

Familiar with **Agile** and **Scrum** development methodologies.

Experience

EIO&T Summer Analyst | Citibank Center, Tampa, FL

June-August 2023

Intern

- Contributed to the development of an internal dashboard as a liaison between business and development teams, ensuring collaboration and effective project progress.
- Assisted in creating project requirements from business stakeholders and translated them into detailed specifications for the development team.
- Conducted thorough quality assurance testing on the dashboard iteratively identifying and documenting issues while addressing the needs and capabilities of the business and development teams.

Machine Perception and Cognitive Robotics | FAU, Boca Raton, FL

2019 – 2021

Lab Intern

- Developed and trained convolutional neural networks for famous datasets such as: MNIST, Cifar10, and rock paper scissors mainly using the keras library.
- Acted as a student ambassador to introduce students to machine learning, VR, and AR technologies available to students in preparation for the opening of the Rubin and Cindy Gruber Sandbox.
- Helped showcase VR and machine learning technologies to investors and sponsors.

Projects

Image Colorizer

June 2022

Python, Pytorch, CUDA, OpenCV

- Created image colorizer that synthesizes colored images from grayscale input images.
- Used CUDA and Pytorch tensors to accelerate network training on the Hipergator GPU cluster.
- Used OpenCV and Torchvision to create a complex pipeline of visual data augmentations.
- <https://github.com/sah4jpatel/Image-Colorizer-Model>

American Sign Language Classifier

July 2022

Python, OpenCV, Tensorflow, Pytorch, CUDA

- Created a convolutional neural network that can translate the ASL alphabet in real time in tandem with OpenCV image classification and segmentation software.
- Once again used CUDA and Pytorch tensors to accelerate learning on over 28,000 images using A100 GPUs on the Hipergator supercomputer.
- <https://github.com/Gabinson200/ASL>