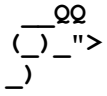

Adam Kocsis

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Education

University of Florida ***September* 2021 – *May* 2024**

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

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 synthetizes 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 Pythorch tensors to accelerate learning on over 28,000 images using A100 GPUs on the Hipergator supercomputer.
- https://github.com/Gabinson200/ASL