Youval Kashuv

954-994-7323 | youval.kashuv@ufl.edu | linkedin.com/in/ykashuv

Education

University of Florida Gainesville, FL

B.S. Computer Science, B.S. Mathematics Expected May 2026

- GPA: 3.93/4.0
- NSF REU Fellow, National Merit Scholar, Benacquisto Scholar
- Relevant Coursework: Machine Learning, Computer Vision, Data Structures & Algorithms, Numerical Analysis
- Skills: C++, Python, Java, Linux, NLP, PyTorch, TensorFlow, scikit-learn, NumPy, pandas, matplotlib

Experience

Cuffed July 2024 – Sep. 2024

Algorithm Developer Intern New York, New York

- Developed a **multimodal deep learning model** to predict if a user is likely to swipe left/right on another user based on interaction history and profile features.
- **Increased prediction accuracy by 64% and precision by 167%**, when compared to naive approaches.
- Built off the Gale-Shapley algorithm to optimize creation of swipe decks.

University of Florida May 2024 – Aug. 2024

AI Research Intern (NSF REU) Gainesville, FL/Remote

- Analyzed **100 GB of tweets** and extracted key insights into norm dynamics leading to paper.
- Developed a **novel and explainable graph-based model** (TGNN) to predict when users will adopt certain social norms, **successfully identifying susceptible users with an AUC of 0.95**.
- Solely responsible for all aspects of the project, including problem formulation, methodology design, data pre-processing, implementation, model training, and performance evaluation.

UF Adaptive Learning and Optimization Lab Aug. 2023 – May 2024

Undergraduate Researcher Gainesville, FL

- Researched the use of deep learning methods in federated learning settings for anomalous and **privacy preserving fraud detection** of credit card transactions under Dr. My T. Thai.
- Implemented a dynamic graph neural network (DGNN) in a **horizontal federated learning** (HFL) setting, **successfully achieved >96% accuracy** on datasets with upwards of 20 clients.

Intrinio May 2023 – Aug. 2023

Machine Learning Engineer Intern Remote

- Team focused on scraping and standardizing 10-K and 10-Q financial data using advanced NLP techniques.
- Designed, developed, and tested an ML (RNN/LSTM) model for predicting key financial metrics (e.g. EBITDA), **achieved 70% accuracy on real market data**.
- Used pandas and Beautiful Soup to create programs that automatically parse 8-K SEC filings and standardize the information extracted which **provided new data from over 1,000 publicly traded companies**.

Publications

TIP: Predicting Tipping for User-Centered Misinformation Prevention, Youval Kashuv, Raed Alharbi, and My T. Thai (Under review)

Norm Propagation in Online Communities: Structural, Temporal, and Community Analysis, Raed Alharbi, Youval Kashuv, and My T. Thai (Under review)

Leadership

UF G[AI]TOR Club Aug. 2023 – Present

Education Director (Aug. 2023 - Present) Gainesville, FL

- Taught weekly lectures dedicated to enriching members' understanding of advanced topics ranging from simple deep neural networks (DNNs) to large language models (LLMs) and graph representation learning.

UF Quant Club Aug. 2023 – Present

President (May 2024 - Present), Research Lead (Aug. 2023 - May 2024) Gainesville, FL

- Conducted workshops and seminars on quantitative finance topics, including portfolio optimization, derivatives pricing, and econometric analysis, enriching the academic experience of 50+ club members.