Daniil Kharlashko

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Education

University of Houston — Houston, TX

Bachelor's Degree in Computer Science, Minor in Mathematics — *Aug. 2021 – May 2025*

- **Grades:** 3.78 GPA, Dean's List
- **Relevant Coursework:** Machine Learning & Statistical Analysis, Artificial Intelligence, Data Science Foundations, Algorithms & Data Structures, Database Systems, Software Design & Development, Parallel Computing on GPUs, Digital Image Processing

Experience

Ecommerce Brand Owner — Dec 2019 – Present

McDILS — *Houston, TX*

- Built and scaled an e-commerce brand, generating $1.2M+ in sales across Amazon, Walmart, and Wayfair.
- Cut marketing costs by 25% through data-driven advertising strategies, boosting customer acquisition.
- Streamlined supply chain and inventory management, enhancing fulfillment speed and lowering holding costs.
- Leveraged competitive market analysis to diversify revenue streams, boosting profit margins by 15%.

Product Management & Software Development Intern — June 2022 – August 2022

Soft Boost — *Houston, TX*

- Collaborated with cross-functional teams of Web Developers, UI/UX Designers, and Product Managers to deliver web-based solutions using Python and Django.
- Contributed to backend development by implementing RESTful APIs and optimizing database queries, enhancing system performance by 20%.
- Shadowed a Product Manager, gaining hands-on experience in product lifecycle management, roadmap planning, and prioritizing features based on user feedback.
- Participated in Agile ceremonies, including daily stand-ups, sprint planning, and retrospectives, gaining practical experience in iterative development processes.

Projects

AI-Based Sales Forecasting Tool | *FastAPI, Plotly, Scikit-learn, Git, Docker* — 2025

- Forecasted product demand with ML models, enhancing inventory planning and reducing stockouts.
- Implemented a FastAPI backend to serve demand predictions and visualized sales trends using Plotly Dash for data-driven insights.
- Containerized the application using Docker for consistent local deployment and streamlined data upload workflows.

Skin Cancer Detection with Deep Learning | *TensorFlow, Keras, Scikit-learn* — 2024

- Co-authored a research paper on deep learning-based skin cancer detection using the ISIC dataset.
- Built CNN models and applied transfer learning using TensorFlow and Keras for skin cancer detection.
- Applied data augmentation, oversampling techniques, and evaluated performance using confusion matrices and classification reports.

Technical Skills

Languages: Python, C/C++, JavaScript, HTML/CSS, SQL, R, Swift
Frameworks & Developer Tools: FastAPI, Express.js, TensorFlow, Keras, Git, GitHub, Docker