**Semyon Tsyrenov**

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Multilingual communicator (English, Spanish, Russian), top 10 nationally ranked NCAA tennis player, and consistent

high achiever with a strong team mindset and drive for growth. Proven ability to thrive under pressure, collaborate

effectively, and continuously learn and adapt.

**Education**

**Rockhurst University | B.Sc. in Computer Science  (August 2021 – May 2025 | Kansas City, MO)**

* GPA: 3.53/4.0
* Honors and Awards: Dean’s List (2021, 2023, 2024)

**Relevant Courses:** Introduction to Machine Learning, Probability and Statistics, Database Engineering, Data Structures, Programming Languages, Algorithms & Complexity, Operating Systems

**Major Projects**

**AI-Powered Resume Form Filler |** **Python, OpenAI GPT-4, LlamaIndex, Pytesseract (May 2025)**

* Built an agent using LlamaIndex and GPT-4 to auto-fill job applications from resumes and PDFs
* Integrated LlamaParse, Whisper, and Gradio to handle text, voice, and screenshot inputs
* Applied Pytesseract and pdf2image for optical character recognition on non-standard forms and scanned documents
* Designed modular parsing logic to boost accuracy and allow reuse across different platforms

**Tennis RAG Model | Python, HuggingFace, FAISS (March 2025)**

* Developed a Retrieval-Augmented Generation (RAG) system to answer natural language questions about ATP players
* Built a FAISS vector store and converted tennis bios into semantic embeddings using sentence transformer
* Used the HuggingFace FLAN-T5 model to generate answer based on retrieved context
* Designed a simple GUI in VS Code to handle user input and display generated responses

**Machine Learning Project | Python, scikit-learn, pandas, matplotlib (January 2025 – May 2025)**

* Analyzed real-world datasets using regression, classification, and clustering methods
* Preprocessed data by handling missing values, outliers, and feature scaling, improving model performance and accuracy
* Evaluated models using accuracy, precision, recall, F1-score, and confusion matrices

**Skills**

* **Tech Stack:** Python, React, PyTorch, TensorFlow, pandas, NumPy, scikit-learn, Matplotlib
* **Tools & Technologies:** HuggingFace, MySQL, RESTful APIs, AWS, Git, JIRA, Postman, Linux, Windows, macOS

**Work Experience**

**Chita Universal | Freelance Web Developer (September 2024 – December 2024 |** **Kansas City, MO)**

* Designed and launched an e-commerce site using Squarespace, boosting client revenue by $5,000
* Documented all functional requirements and successfully delivered the full project scope on time
* Built and styled a digital product catalog with custom HTML and CSS for responsive design

**PM Accelerator | Lead Software Engineer – AL/ML (June 2025 –Current|** **Kansas City, MO)**

* Managed GitHub repository and Git workflow for 8-person development team
* Resolved merge conflicts and coordinated code integration across multiple branches
* Developed AI-powered event planning application with venue recommendations
* Implemented user authentication and image processing features for event customization
* Built full-stack application using Next.js, Python FastAPI, Firebase, and AI integration

**Extracurricular Activities**

* Named NCAA All-American (2025) and Division II Midwest Region Singles Champion in Tennis (2024)
* Shared educational tennis tips and insights on [social media](https://www.instagram.com/semyon002/), building an engaged community and promoting the sport
* Translated between English, Russian, and Spanish for international teammates, fostering team cohesion