Dmytro Moshkovskyi

561-859-8751 | dm361167@ucf.edu | linkedin.com/in/dmmosh | github.com/dmmosh

EDUCATION

University of Central Florida   Orlando, FL
*Bachelor of Science in Computer Science, **GPA 3.9***   *August 2023 – May 2027*
Knight Hacks Member   *September 2023 – Present*

WORK EXPERIENCE

AI Intern   July 2025 – January 2026
Yellow.AI   *Remote*

- Contributed as part of a collaborative team deploying AI voice and chat bots.
- Automated monitoring using **Python scripts** with the **Gemini API**, noted for saving **weeks** of conversation monitoring.
- Used Cekura.AI for **unit testing**, providing AI-driven testing benchmarks.
- Assisted in **prompt engineering**, writing complex logical rules for bots to follow.
- Assisted in a wide range of the production process such as development, debugging, testing, and analytics.
- Debugged the conversation logs, documenting and analyzing both client-side and server-side issues.

PROJECTS

Knighthoot | *MERN Stack, Github, Project Management*   October 2025 – November 2025

- Was the **team lead of a group of 7**, coordinating a full-stack web and mobile platform.
- Worked with the team to develop a syncing pipeline between multiple clients and the server.
- Managed a **Ubuntu** web server on DigitalOcean with a **MongoDB** database and **HTTPS port forwarding**.
- Earned a grade of **100/100** and received appraise from the professor for going above the project expectations.

Lightning Search | *Python, C++, PyTorch, LibTorch, Sockets*   December 2025 – Present

- Developed a full-stack search engine built from scratch with C++ sockets, utilizing Exa Search.
- Trained a large word autocomplete neural network model and implemented in the server.
- Loaded the model in the server through LibTorch.

FSPOT | *C++, HTTP Requests, Optimization*   August 2024 – October 2024

- Developed a full-feature Spotify TUI Client with integration to the Librespot receiver.
- Optimized the program to use **30mb of RAM** as compared to Spotify's **600mb**, reducing memory footprint of listening to music by **2000%**.

One Piece Summarizer | *Python, Machine Learning*   October 2023

- Coordinated **a group of 3** to deploying a machine learning model.
- Worked under tight time constraints, finishing the project in **just 36 hours**.
- Led the team to winning the 2023 Knight Hacks Hackathon Frying Pan award.

TECHNICAL SKILLS

Languages: Python, C/C++, SQL (MongoDB), JavaScript, Bash
Libraries: PyTorch, LibTorch, Boost Library, Pandas, NumPy, Matplotlib, JSON
Frameworks: React, Node.js, Express.js
Developer Tools: Git, Github, VS Code, CMake, OpenSSL