Daniyal Khokhar

Chicago, IL | daniyalskkr@gmail.com | (630) 340-0016 | [LinkedIn](#) | [GitHub](#)

EDUCATION

University of Illinois Chicago   Chicago, IL
Bachelor of Science in Computer Science   *Sep. 2020 – Aug. 2025*

SKILLS

Languages: Python, C++, Java, JavaScript, HTML/CSS
Frameworks: Django, Bootstrap, JavaFX, Arduino
Libraries: SQLite, Pandas, PyTorch, OpenCV, Seaborn, Matplotlib
Developer Tools: GitHub**,** Visual Studio Code, Jupyter Notebook, Conda, Ubuntu, Trello
Testing: GoogleTest, JUnit 5

WORK EXPERIENCE

Software Developer Intern | Python, Django, Bootstrap, HTML/CSS, Javascript, Ubuntu, Conda   May 2025 – *Present*
Insight Labs   Remote
- Drove development of python based AI models by interfacing with founder, coding solutions for customer requirements, supporting pilot user testing, and addressing feedback from user acceptance testing
- Led full-stack development of UI/UX and data analysis web application using Javascript, Bootstrap, and Python allowing users to interface with Insight Labs' custom AI products
- Built interactive Django views that let users access metadata from cell culture wells and configure model training

Python & Coding Instructor | Python, Jupyter Notebook   Dec. 2024 – *Present*
MARS Academy   Hanover Park, IL
- Designed and instructed courses on Python programming and Artificial Intelligence theory to advanced students
- Delivered high school level courses covering Python, microcontrollers, version control, and data structures

HPC Research Intern | Python, Jupyter Notebook, Matplotlib   Aug. 2025 – *Aug. 2025*
Argonne National Laboratory   Lemont, IL
- Researched HPC optimization strategies, including clean vs. dirty grids, cooling methods, and GPU energy efficiency
- Analyzed performance across GPU architectures by visualizing efficiency trends with Python and Matplotlib
- Collaborated with teammates to prepare and present research findings to Argonne scientists and researchers

Undergraduate Research Assistant | Python, Deep Learning, Computer Vision, Conda   Aug. 2024 – *Dec. 2024*
University of Illinois Chicago   Chicago, IL
- Developed object recognition scripts for a learning-companion robot using YOLO, OpenCV, and PyTorch
- Led integration of SDKs and applied AI model conversion and quantization for edge deployment on robotics platform

PROJECTS

COVID Vaccination Study | *Python, Jupyter Notebook, Pandas, Matplotlib*   Dec. 2024
- Visualized racial disparities in vaccination and obesity trends by cleaning, standardizing, and merging datasets using Pandas, Matplotlib, and Python, enabling insights into public health inequities across ethnic groups

CTA Ridership Analysis | *Python, SQLite, Matplotlib*   May 2024
- Built an interactive CTA ridership analysis tool using Python, SQLite, and Matplotlib to query, aggregate, and visualize trends across 1.5M+ ride entries by enabling insights on ridership shifts across stations and timeframes

ADDITIONAL

CodePath | Peer Mentor   Jun. 2025 – *Present*
- Mentored university freshman via 1:1 meetings to navigate study strategies, platform tools, and technical resources

Personal Interests: Volunteering, video games (favorite genre - Indie), teaching, and playing tennis