Nicholas DeCook - [Website](#)

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💼 Experience

IT Specialist   **December 2022 – October 2024**
Law Office of Alms & Alms, Ltd. – Hoffman Estates, IL
- Developed Python programs to enhance client communication and outreach
- Maintained real-time, accurate records and client information in a database, ensuring up-to-date and organized data management practices
- Performed diagnostic assessments and repairs on office hardware, including printers, computers, and network devices while upgrading equipment to enhance company performance

Internship   **May 2023 – August 2023**
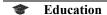**Global Tech - Chicago, IL**

- Researched emerging technologies and presented findings to group. Provided insights to guide decisions
- Developed custom Python programs to address specific project needs, improving efficiency and automation for team workflows.

Fabricator/Welder   **Jan 2021 – May 2023**
Bear Metal Welding & Fabrication, Inc. – Villa Park, IL
- Fabricated custom metal parts and structures from raw materials, following/making blueprints and client specifications to ensure high-quality, precise results
- Provided timely repairs and modifications for customer walk-ins, assessing issues and implementing effective solutions to meet customer needs.

🎓 Education

College of Engineering   **August 2021 - Present**
University of Illinois Chicago – Chicago, IL
Bachelors in Data Science, Data Processing, Science, and Engineering (May 2025)

📁 Projects

Personal Website
Developed a personal website using HTML and CSS, hosted on GitHub Pages, to showcase my portfolio, projects, and professional background, demonstrating web development skills.

Machine learning calendar
An application with the ability to take unique information from past calendars and use (application) to formulate a new, recurring calendar with accurate upcoming events.

Restoration Project: 1991 Toyota MR2

Currently attempting a restoration of a 1991 Toyota MR2, stripping the car to its bare frame and rebuilding it from the ground up. This includes everything, from a full engine rebuild to bodywork and a paint job.

⚙️ Skills

Programming Languages & Tools:
Python, C++, R, SQL, MATLAB, SAS, Version Control (Git)

Machine Learning & Data Science:
Machine Learning algorithms, Predictive Modeling, Statistical Analysis, Data Processing, Gurobi

Technical & Mechanical Skills:
Welding, Equipment Installation, Cabling and Wiring, Hardware Maintenance

Soft Skills:
Problem Solving, Communication, Team Collaboration, Adaptability