

NICHOLAS R. KOEHLER

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📍 Charlotte, NC, Open to Remote & Relocation

🔗 [Portfolio](#)

🔗 [Linkedin](#)

2023-2024 Computer Science Graduate | Skills in Data and Software

GPA: 3.0

SKILLS & CERTIFICATIONS

Personal

- Team Player
- Solution Oriented
- Problem-Solver
- Eager to Learn
- Academic Integrity
- Written Communication
- Presentation Communication
- Interpersonal Communication
- Excels under pressure
- Growth Mindset

Professional

- SQL, SAS
- Python, Numpy, Pandas
- Tableau
- Java, JavaScript, HTML
- C, C#, C++
- Relational Databases
- Data Analysis
- Data Cleaning
- Machine learning
- Research Strategies
- Agile Methodology

Certifications

- Microsoft Excel
- Microsoft Word
- Microsoft Powerpoint
- Microsoft Access

EDUCATION & SUBJECT KNOWLEDGE:

Bachelor of Science, Computer Science Concentration in Artificial Intelligence

University of North Carolina at Charlotte
2020 - 2024

- Data Structures and Algorithms
- Relational databases
- Software Engineering
- Calculus-based Statistics
- Machine learning algorithms
- Artificial Intelligence
- Research Strategies
- Ethical Standards

PROJECT EXPERIENCE:

Forest Fire Prediction Machine Learning Algorithm

Oct 2024

Utilized linear regression and least squares to predict the severity of forest fires using real meteorological data

Visualized, cleaned, and processed data for use in Machine Learning Algorithm

Developed Python code utilizing Numpy, Sklearn, Pandas, and Matplotlib libraries

Emissions Data Report

Aug 2024

Performed in-depth data analysis and research

Developed Data processing Script to convert data into a usable format

Improved written and verbal communication skills by presenting results of research

Schedu-Meet

Aug 2023 - Nov 2023

Worked with Amazon web services to build a web application prototype

Facilitated and led team communication, ensuring enthusiastic, timely, and productive collaboration

Presented progress each sprint to improve communication skills

Observed Agile Methodology, focusing on user stories, requirements, and blockers

PROFESSIONAL EXPERIENCE:

Administrative Intern:

Koehler & Associates, Jan 2024 - May 2024

Responsible for office system upkeep, including organized record-keeping, client messaging, and mail distribution

Assisted in data entry and validation utilizing Microsoft Excell tools

Managed multiple clerical tasks and maintained attention to detail

Prioritized tasks, deadlines, and client follow-ups

Reference, Mentor: Tyler Jesselyn, Previous Koehler Leader, 602-714-0220

Administrative and Service Mentee:

U.S. Renal Care, Jun 2023 - Dec 2023

Maintaining up-to-date patient records using Tableau

Collected patient co-payments, deductibles, and outstanding balances

Enhanced communication skills by providing customer service

Performed other clerical and administrative duties to support efficient operations

Reference, Mentor: Jocelyn Simon, Billing and Credentialing Director, 980-639-7185