Nathan Michael Deininger

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Education

Northern Kentucky University, Highland Heights, KY   **Expected Graduation Spring 2025**

Bachelor of Science in Computer Science

Minors: Data Science, Entrepreneurship

GPA: 3.971/4.0

Skills

Python	C/C++	Java
Git/GitHub	SQL/Database Design	Client Relationship Management
Visual Basic for Applications (VBA)	Open API/Swagger Spec	RESTful API Design
Microsoft Azure	Project Management	Team/Organization Leadership

Work Experience

Technical Analyst, AMEND LLC, Cincinnati, OH   **Spring 2024**

- Contributed to the development of an automated scheduling system developed using Python and VBA.
- Participated in and led client meetings to define project requirements and gather feedback on final deliverables.
- Created effective documentation to facilitate a successful project hand off and long-term adoption.
- Managed client relationships by effectively communicating project ROI and compassionately addressing concerns.

Innovation & Digital Internship, American Modern, Amelia, OH   **Summer & Fall 2023**

- Designed, built, and deployed RESTful APIs using Open API specification, typescript interfaces, Azure Functions, Azure DevOps, Azure API Management, Azure pipelines and builds, and Postman for API testing.
- Performed technical and consumer research, designed UI/UX and SQL database schemas, deployed Power Automate flows and code, and managed Azure resources to deliver a critical change management toolkit Power App.
- Performed meticulous analysis of existing RESTful APIs to produce Open API documentation for customer use.
- Wrote Excel Macros in VBA to expedite standard operating procedures for company chatbot log analysis.

Electrical Engineering Co-op, R.A Jones, Crescent Springs, KY   **Fall 2021**

- Assembled mechanical and electrical components for use on customers' industrial automated packaging machines.
- Supported electrical engineers during the commissioning, testing, and debugging stages of several machines.
- Utilized AutoCAD Electrical to maintain accurate electrical drawings by adding to or revising prints as directed.

UC DAAP Student Researcher, Cincinnati, OH   **Summer 2021**

- Deployed several technology services, such as Unreal Engine 4, Microsoft Azure, IoT Hub, Power BI, Excel VBA, Python, and SQL servers to simulate, store, and display data within a 3D model.
- Assisted graduate student with eye-tracking research studying the impacts of work zone signage on driver behavior.
- Managed documentation detailing investigation methods, challenges, progress updates, and final conclusions.

Leadership Experience

Programming Club, Founder, Northern Kentucky University   **2023-Present**

- Identified and executed on an opportunity to launch a club focused on the ICPC competition and skill development.
- Orchestrated, strategized, and facilitated coding sessions, resulting in measurable skill improvement, and enhanced problem-solving abilities among participants.
- Received an official outstanding contributor award from NKU faculty and interim president for my initiative.

Nittany AI Challenge, Pennsylvania State University   **2022-2023**

- Formulated an original proposal for an AI project with the purpose of furthering the four AI for good pillars.
- Researching and developing a machine learning model designed to advance efficient transfer credit evaluation.
- Collaborating with student software engineers, ensuring proper delegation of responsibility and communication.

TEDxUCincinnati Discovering Leadership Program, Cincinnati, OH   **2020-2021**

- Researched, wrote, rehearsed, and delivered an original, public TEDx talk.
- Developed and exercised speech writing, public speaking, and body language skills.
- Investigated and implemented critical leadership skills and strategies that promote enthusiastic participation.