

Contact

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Email

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Portfolio

GitHub

LinkedIn

Education

08/2024-05/2026

Wichita State University Computer Science

Just started classes this fall. I am Majoring in Computer Science and will have a minor in Mathematics.

08/2022-05/2024

Butler County Community College Software Development

When I discovered I can create any thing with coding, I became fascinated and switched my classes and major to it.

Skills

- Agile Methodology
- Python
- Pandas Library
- Pyspark
- Power BI
- Azure Dev-Ops
- HTML/CSS
- JavaScript
- SQL
- C#/C++
- Firebase
- PostgreSQL
- PHP
- Pytest
- GitHub
- Postman

Nathan Birkes

Back-end Software Engineer

I am a passionate and dedicated software engineer with a strong enthusiasm for computers and technology. I have developed a deep fascination for the endless possibilities that computers offer in transforming ideas into reality. The ability to create innovative solutions and contribute to the ever-evolving tech industry drives my commitment to this field. Eventually, I want to create something that helps better the world, but for now I will keep improving my skills along my journey! I am not sure what I like most still: data or back-end. I enjoy front-end and being creative but I think I prefer using my creativity with data problems or back-end coding!

Job Experience

06/2024 - 05/2025

Bombardier

Business Analyst Intern

I really enjoy this internship. It is a mix of knowing the business logic (which is pretty complex here at Bombardier) and coding skills. I am able to transform and clean data, and write some automation scripts for their SAP processes. I also was able to play around and create a dashboard with Power BI that monitors multiple dataflow's accuracy. Soon I will be working on another major visual but will be focusing on the back-end portion more.

09/2023 - 05/2024

Fidelity Bank

Software Engineer Intern

I have really enjoyed this internship. I work with a small team to help write code for the banks processes and programs. I have written test code (using pytest) and writing some smaller/simpler scripts. Some of the scripts help with automation, and others have more unique purposes. Recently I have been working on a project that will log data/information and allow us to create a dashboard with the visualizing the data. We only used python here.

Why me?

Passionate about Technology and Naturally Curious:

I am deeply passionate about technology and driven by curiosity. I enjoy seeking out new technologies, frameworks, and programming languages, allowing me to learn more and come at it with fresh perspectives and find new solutions.

Continuous Improvement and Growth Mindset:

I believe in continuous improvement and actively pursue learning opportunities to stay ahead in the field. I have a growth mindset, adapt to challenges, and value feedback as a tool for personal and professional growth. Improving myself in any way that I can makes me feel better, and I truly enjoy doing so!

Strong Work Ethic and Dedication:

I am known for my strong work ethic and unique dedication. I consistently deliver high-quality results, meet deadlines, and go the extra mile to exceed expectations. I do not work hard just for the employer, but for myself as well. I think this trait will help me out in the long run when I want to achieve my goals.

Value Loyalty and Team Collaboration:

Loyalty is a core value that I prioritize, fostering trusted relationships. As a reliable team player, I leverage others' perspectives as an advantage. I am receptive to suggestions and always open to new ideas. I value clear and direct communication to provide support and assistance whenever possible. I think loyalty is very important and it is hard to come by now a days.

Personal Projects

BeatBlossom

This is my favorite project that I have started earlier this year. It will use AI/Machine Learning Algorithms to find the user their next favorite song! All they have to do is connect their music streaming site to the website and the algorithm will do the rest!

Puzzled

This project I don't expect to many people to use, but more for me learning. It will create a jigsaw puzzle based on the picture you choose/upload. Also will have minigames like hangman, word search, crossword puzzles and more!