

# Daniel Krzeminski

219-779-5358 | [dankrzeminski32@gmail.com](mailto:dankrzeminski32@gmail.com) | [linkedin.com/in/daniel-krzeminski](https://linkedin.com/in/daniel-krzeminski) | [github.com/dankrzeminski32](https://github.com/dankrzeminski32)

## Education

---

### Purdue Northwest

Bachelor of Science in Computer Science, Minor in Statistics

Hammond, IN

Aug. 2020 – May 2024

## Experience

---

### Software Engineering Intern

Southwest Airlines

Jan. 2023 – May 2023

Dallas, TX

- Developed a REST API using AWS components and Python to mock external services in integration tests.
- Created an asynchronous endpoint to trigger the processing and validation of 100's of integration test files.
- Wrote documentation on Confluence related to asynchronous task processing in an AWS environment.

### Software Engineering Intern

ULINE

May 2022 – Aug. 2022

Pleasant Prairie, WI

- Worked on a redesign of the company's talent acquisition website ([uline.jobs](https://uline.jobs)), utilizing C# and .NET.
- Optimized an internal HTML parser, leading to a 10% increase in speed and improved edge case handling.
- Contributed to code reviews and scrum processes using Git and Azure DevOps.

### Application Development Intern

BMW Constructors

May 2021 – Aug. 2021

Munster, IN

- Developed an internal dashboard using Flask and Azure components, appearing in 8+ corporate offices.
- Created an admin portal to the web application, allowing simple content management and user administration.
- Implemented optimistic locking to manage concurrency issues arising in the manipulation of shared content.

## Projects

---

### Discord Birthday Bot | Python, Postgres, Git

Aug. 2022 – Nov. 2022

- Developed an event-driven discord birthday bot, used regularly in my discord server with 10+ users.
- Hosted on an AWS EC2 instance and utilized Postgres for persisting user information.
- Utilized Git for version control and actively reviewed pull requests by contributors.

### Chicago Marathon History | Flask, Docker, Postgres, Git

Nov. 2022 – Feb. 2023

- Created an interactive dashboard to explore the history of the Chicago Marathon from an analytical perspective.
- Utilized React and Chart JS to dynamically display analytics covering 100,000+ rows of race data.
- Designed a seamless local development environment using Docker.

## Technical Skills

---

**Languages:** Python, C, SQL, JavaScript, HTML/CSS, Java, R

**Frameworks:** Flask, Django, .NET, React

**Developer Tools:** Git, Docker, Jenkins, Amazon Web Services (AWS), Microsoft Azure

**Libraries:** Boto3, SQLAlchemy, pytest, azure-core, NumPy, pandas