

Nathan Eagle

Sei9ijobapp@gmail.com - [Portfolio](#) - [Linkedin](#)

EDUCATION

Governors State University - University Park, IL

May 2020

B.S in Computer Science

- Graduated with a 3.9 GPA and Magna Cum Laude academic distinction.

WORK EXPERIENCE

Data Assistant - Lincoln Elementary School

September 2021 - Current

Worked to meet the data needs for the school, including maintaining SIS (Student Information System) databases, creating reports, and retrieving data for district and building staff.

- Maintained correctness of student data in PowerSchool SIS and the State Board of Education SIS for 800 students, including enrollment data, demographics data, early childhood data, immigrant data, and english learner data.
- Designed queries to retrieve data from student information system databases using PowerSchool SIS and SQL (Oracle APEX).
- Used Microsoft Excel to filter data, transform data, and highlight issues with existing data.
- Generated reports to send to the State Board of Education for reporting student data.
 - Maintained integrity of data to the State Board of Education's standard.
 - Met the State Board of Education's deadlines for reports.
 - Ensured all student enrollments were up to date to maximize funding for the school.

IT Intern - Lincoln Elementary School

June 2021 - September 2021

- Solved staff tickets regarding hardware and software issues of school and staff computers by troubleshooting Windows and Chromebook devices.
- Solved support tickets from parents involving student registration issues, log-in issues, and other issues related to parent accounts in PowerSchool SIS.
- Used Active Directory to reset staff passwords.
- Assigned, inventoried and distributed computer hardware to staff using Google Admin and AssetTiger.
- Fixed and verified condition of Windows, Chromebook, and iPad devices.

SKILLS & TOOLS

- **Programming** Javascript, Python, C# / .NET. Some familiarity with C++ and Java.
- **Web Development** HTML, CSS, Javascript, PHP, SQL.
- **Databases** SQL, MySQL databases, Microsoft Access, database design, relational databases.
- **Data Processing** Python, JSON, APIs, Microsoft Excel. Familiarity with Spark / PySpark, Hadoop, and MapReduce.

PROJECTS

Nathan's Cookout Website - Website where users could browse for and create their own recipes

[Live Site Link](#)

- Created forms for entering and updating recipes, signing up, and logging in using HTML, PHP, CSS, JS, and Bootstrap.
- Implemented functionality for creating, removing, updating, and deleting recipes and users from the MySQL database using SQL queries and PHP.
- Designed and implemented a relational database to store users and recipes.
- Deployed the application onto a cloud-based LAMP server.

Technologies: LAMP (Linux, Apache, MySQL, PHP), HTML, CSS, JavaScript, Bootstrap 5.

Adventure Bunny Video Game - 2D tile-based adventure game

[Playable Download Link](#)

- Created all programming scripts for the game, including the game manager script, character controller and player movement script, AI scripts for several monsters, and terrain destruction and collision handling scripts for all entities using C#.
- Assembled game levels within the Unity game engine, including assembling levels and scenes, creating prefabs for monster, players, and other entities, and managing scene transitions.
- Worked collaboratively with a partner to design the game, plan the game, and create a game design document.

Technologies: C#, .NET, Unity Game Engine.