

Matthew Thornton

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[Github profile](#)

[LinkedIn](#)

SKILLS

- | | | | | |
|----------|--------|------------|-----|-------------|
| • Python | Java | Git | C++ | Typescript |
| • MySQL | Racket | Javascript | R | Mathematics |

EDUCATION

Illinois Institute of Technology, Chicago IL

AUGUST 2020 - PRESENT

Major: Computer Science

Relevant Courses:

- Data mining
- Data Structures & Algorithms
- Database Organization
- Systems Programming
- Programming Paradigms & Patterns
- Operating Systems
- Programming Languages

EXPERIENCE

Oak Lawn Community High School, Oak Lawn - *IT Internship Program*

AUGUST 2019 - MAY 2020

Offered a wide variety of services to students and staff which would range from troubleshooting and fixing the school iPads and computers to testing apps/devices for the school before letting the students use them. The school was named an "Apple Distinguished School" in my time here. Studied various customer service models to develop my own. Showed the new students how to set up their school iPads and taught them how to use the most important applications.

Palermo's 95th - *Pizza Chef*

JANUARY 2019 - AUGUST 2023

Maintained the high standards expected from a well respected restaurant during fast paced operations. Ensured the cleanliness and food-safety standards were up to par. Assisted management in efficiently preparing for events and/or special occasions. Took the initiative to find extra tasks or help others when my scheduled duties were completed. Made myself available for extra hours or shifts when needed. Prepared the requested food efficiently, accurately and of the highest quality for the customers.

PROJECTS

Note: All can be found on my GitHub profile

NBA Stat Grabber / Web Scraper - Python

A program that scrapes the scores and statistics of an NBA game from an online database and displays them in an organized fashion. Utilizes a web scraper, HTML parser, and command line argument handling. All written in Python. Currently implementing more flags to accomplish more specific tasks, like displaying the advanced stats of a certain game on a certain day.

Payment Management System - Python & SQL

A makeshift payment management system, utilizing the PySimpleGUI library and a custom SQL database. Implements user login functionality and several SQL queries. After successfully logging in, the SQL queries are performed at the press of a button.

Skatepark themed Social Media App - Typescript, Javascript, React Native

Worked in collaboration with a partner to build a mobile application equipped with a SQL database and login handling for the backend, and a sleek, interactive user interface with several functional screens that are easily accessible from the home screen. Both work in tandem to form a cohesive, semi-functional prototype of a social media-esque application.