

# Andrew Hosek

## Contact

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## Education

Illinois Institute of Technology  
Chicago, Illinois

- Bachelor of Science, Computer Science
- Expected Graduation May 2021
- GPA 3.4
- Dean's List Recipient
- Recipient of Heald Scholarship

Course Work

- Object Oriented Programming
- Data Structures
- Systems Programming
- Database Organization
- Introduction to Algorithms
- Data Mining

## Skills

Programming Languages

- Java, Python, C, C#, PowerShell, SQL

Version Control

- GIT with GitHub and Bitbucket

Tools

- Eclipse, Visual Studio, VIM, gdb, MS Office

## Extracurricular Activities

- Volunteer at Hobson Road Community Church's Pre-Kindergarten Class
- Machine Learning at Illinois Institute of Technology
- Attends ChiPy and other meetup

## Experience

IT Analyst Intern

May 2019 - Present

Executive Construction - Hillside, Illinois

- Created a C# WPF Application used by 50+ employees to create SharePoint Subsites with custom permissions, templates, and other settings based on user input through the WPF UI
- Created a C# WPF Application to pull, find, and manipulate data in Excel files when dropped into a folder
- Used Windows PowerShell to create various scripts to increase efficiency in analyzing and collecting data for the IT Team
- Responsible for the setup of software and computers for employees
- Fixed issues involving Microsoft Office, OneDrive/SharePoint, and Computer Hardware

Produce Clerk

April 2015 - May 2019

Jewel Osco - Westchester, Illinois

- Outstanding work ethic and social skills
- Assist in other departments when needed (Checker, Grocery, Dairy)

## Personal Projects

Nomogram Puzzle Game and Solver (Python)

- Replication of the game Nonogram using pygame library
- User has full control of filling the grid with boxes or x's to try to solve the puzzle
- Includes a solving algorithm to auto solve the puzzle

Java FX Database Application

- Created an application to represent an online grocery store system using JavaFX and PostgreSQL
- Uses multiple views to give either customers or employees control over their cart, information, stock, etc. while interacting with the database in the background

Python Data Scraper

- Locates top stocks from categories on "Finviz.com"
- Takes those to get real time data from Yahoo Finance
- Writes data to CSV and sends emails throughout the day
- Uses Urllib, BeautifulSoup4, and Smptlib python libraries