

# Jack Krejci

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GitHub: [jkrejci1](#)

LeetCode: [jkrejci](#)

Lake Zurich, IL

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## Summary of Technical Qualifications

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### Programming Language Experience:

- Python
- Java
- JavaScript
- Bash
- Ruby
- C++
- Microsoft PowerShell
- PHP
- Assembly

### Web Development Experience:

- HTML
- CSS
- EJS
- JavaScript
- Node.js
- Express
- Apache
- PHP
- MySQL
- Mongoose
- MongoDB
- JSON Web Tokens

### Penetration Testing Experience:

- Kali

- Linux
- Windows
- Bash
- Python
- Ruby
- Microsoft PowerShell
- Metasploit

### **IDE Experience:**

- Visual Studio Code
- Visual Studio
- Eclipse

### **Applications:**

- Microsoft Office
- Microsoft Azure
- Amazon Web Services (AWS)
- Google Docs
- Kali
- GitHub
- Postman
- XAMPP
- VirtualBox

## **Education**

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**Bachelor of Science in Computer Science**

Graduated: Dec 2022

**Minor in Mathematics**

Lewis University, Romeoville, IL

GPA: 4.0/4.0

**Associates in Arts**

Graduated: Jul 2020

College of Lake County, Grayslake, IL

GPA: 3.646/4.0

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### **Notable Projects:**

- Scrum leader for software engineering final project and capstone project

- **Software Engineering final project:** Web application that is used to generate and save passwords to user accounts if you are signed into one organized using Model-View-Controller made in a group. For this project, I was responsible for creating most of the server-side code, and a large amount of the front end and back-end code that wasn't involved with the CSS of the application. I also wasn't responsible for the code that generates a password itself, but everything besides what I excluded is my work. This project is then paired with a MongoDB database to create a user experience and also runs using Microsoft Azure, node.js, and express.
  - **GitHub repository:** <https://github.com/jkrejci1/software-engineering-project-passgen>
  - **Website:** <https://password-generator.azurewebsites.net/>
- **Software Engineering Capstone:** Capstone project made for Lewis University, created for Fairmont Community Partnership Group, Inc organized using Model-View-Controller made in a group. The purpose of this project is to create a website that can serve as a design that can later be added to, in order to create an environment to organize and schedule events and keep track of volunteers. The volunteer can create an account, or anyone else can create an account for the website as well, but they would have different permissions in what they could do on the website though. There is also an administrator account using a secure email and password for the company, which would have the highest privileges of any account and could be later used to add or remove volunteers and schedules, etc. I was responsible for all the code except for the CSS, the calendar page, the home page and resource page information, along with some of the parameters when signing up for an account. This was ran using node.js, express, Azure, and MongoDB.
  - **GitHub repository:** <https://github.com/jkrejci1/software-capstone-team2>
  - **Website:** [Capstone Home \(capstone-proj.azurewebsites.net\)](http://Capstone Home (capstone-proj.azurewebsites.net))
- **Database Systems Final:** Final project for database systems class at Lewis University. A simple practice framework using Fairmont project I've already done as inspiration but turned it into a new project using PHP and MySQL instead of node.js and MongoDB. This project can be ran locally using XAMPP or MAMP using an Apache server, I also hosted it on AWS instead of Azure like for the other projects. This wasn't a team-based project, so I was responsible for all the code.
  - **GitHub repository:** [jkrejci1/database-final-proj-fairmont: Final project for database systems class at Lewis University. Ran in the cloud through AWS. \(github.com\)](https://github.com/jkrejci1/database-final-proj-fairmont)
  - **Website:** [Fairmont](http://Fairmont)

## Previous Work Experience

- Gordon Food Service: Store Associate
  - **Location:** Palatine, Illinois
  - **Years Worked:** 2018-2019
- Hawthorn Gardens: Stockboy
  - **Location:** Lake Zurich, Illinois
  - **Years Worked:** 2018
- Scoreboard Bar & Grill: Busboy
  - **Location:** Lake Zurich, Illinois
  - **Years Worked:** 2017-2018
- Fritzl's Country Inn: Busboy
  - **Location:** Lake Zurich, Illinois
  - **Years Worked:** 2017

## Volunteer Work

- St. Francis de Sales Catholic Parish: St. Vincent de Paul Food Pantry

## Honors and Awards

- Dean's List, Lewis University, five semesters
- Lewis University, Summa Cum Laude
- Lewis University, Fall 2022 Senior Award for outstanding academic achievement as a Computer Science major in the College of Aviation Science and Technology.
- Lewis University, Transfer Achievement Award
- Lewis University, Edward D. Lewis, and Philip D. Lewis Endowed Scholarship Award
- Lewis University, Phi Theta Kappa Scholarship
- Awarded Presidential member of National Society of Leadership and Success
- Awarded Member of Phi Theta Kappa
- Dean's List, College of Lake County, two semesters