

# Karsen Diepholz

## Personal Information:

diepholz.karsen@gmail.com  
linkedin.com/in/karsen-diepholz  
+1 (616)-307-0210  
Chicago, IL

## Technical Skills

- Java
- CSS
- HTML
- C
- Linux
- VirtualBox
- Android Studio
- Python
- Pandas
- SQL
- Microsoft Office
- GitHub

## Coursework

- Database Organization
- Data Mining
- Data Structures and Algorithms
- Mobile Application Development
- Operating Systems
- Programming Languages Translators
- Software Engineering
- System and Network Security
- Systems Programming

## Soft Skills

- Communication
- Teamwork
- Adaptability
- Critical Thinking
- Leadership
- Integrity
- Positive Work Ethic
- Dependable

## Education

**Illinois Institute of Technology** – *Chicago, IL [Expected Graduation May 2020]*

### Bachelor of Science in Computer Science

Minor in Aerospace Studies  
Minor in Political Science

## Programming Projects

### GitHub.com/kdiepholz

- System and Network Security Repository
- Data Mining Repository
- HTML/CSS Repository
- Mobile Applications Repository

## Extracurricular Activities

### Air Force ROTC – *Cadet Lieutenant Colonel [Fall 2016 – Spring 2020]*

- Member of ROTC Detachment 195 where skills in leadership, self-discipline, and communication were emphasized and strengthened
- Selected for the positions of Flight Commander, Trainer, Group Commander, and Public Affairs Officer
- Awards: Field Training Ranking 3/431 – Earned Distinguished Graduate, AS 300 of the Semester, and the Sons of the American Revolution Silver ROTC Medal

### NCAA Swim Team – *Illinois Tech Athletics [Fall 2016 – Spring 2018]*

- Dedicated 20+ hours per week to team obligations and fostered a positive and supportive environment to encourage and achieve personal and team goals
- Conference, pool, and 2-time school record holder for the 1000-yard and 1650-yard Freestyle

### Alpha Sigma Phi – *Alpha Xi [Fall 2016 – Spring 2020]*

- Active member and held the Executive Leadership Position of Fraternity House Manager

## Work Experience

### Lifeguard at Saddle and Cycle Club – *[Summer 2019]*

- Responsible for the safety of high-profile clients and their families
- CPR, AED, and First Aid Certified

### Head Lifeguard Watermark Country Club – *[Summer 2016 – 2018]*

- Supervised 15+ other lifeguards to ensure day-to-day operations were run accurately and efficiently
- Manager in charge of all aquatic operations and staff