

Faith Busche

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Education

Illinois Institute of Technology, Chicago, IL

Expected Graduation May 2023

Bachelor of Science, Computer Science, GPA: 3.8/4.0

- **Relevant Coursework:** Object-Oriented Programming, Computer Organization & Assembly Language, Data Structures & Algorithms, Discrete Structures

Skills

- **Languages:** Java, Python
- **Systems:** Linux, Windows
- **Software:** Eclipse, Visual Studio, Atom, Notepad++, Microsoft Office

Experience

Illinois Tech Undergraduate Admissions Office

September 2020 - Present

Social Media Ambassador

- Manages and operates an Instagram account that markets Illinois Tech by promoting campus life by reaching over 100 other accounts
- Responds to inquiries concerning Illinois Tech in a timely and professional manner

Jacobs Engineering Group, IASD Division

May 2020 - August 2020

Full Stack Developer Intern

- Developed both locally and via a remote connection in a Linux environment
- Developed and integrated Python and bash scripts to create a file transcription tool to transcribe large data files and detect/report transcription errors
- Exercised collaborative workflow with Git version control through Bitbucket and the Linux command line

Tompkins Karate Association (TKA)

September 2012 - August 2019

Assistant Karate Instructor

- Judged over 10 martial arts tournaments and belt promotion exams
- Created lesson plans and instructed different aspects of karate to children and adults
- Earned 1st degree black belt

Projects

- **Object-Oriented Programming Projects**
 - Developed a program that could split checks and more than five other actions
 - Programmed an audio/video streaming system application in Java
- **Chicago Cyber Security Hackathon:**
 - Placed in top 20 of 150 participants in a hackathon with CyberSecurity NonProfit (CSNP) that focused on pen testing a mock banking website

Activities

- Hyperloop, *Active Member (2020-Present)*
- Society of Women Engineers (SWE), *Active Member (2020-Present)*
- Womxn in STEM (WISTEM), *Active Member (2020-Present)*
- Association for Computing-Machinery Women's Division, *Active Member (2019-Present)*
- Illinois Tech Women's Lacrosse Team, *Midfielder & Goalie (2019-Present)*
- Cru Chicago, *Emcee & Worship Team Member (2019-Present)*
- Athletes in Action (AIA), *Community Leader on Core Team (2019-Present)*