

# Sakirul Karim

sk4366@drexel.edu • 267-403-6398 • LinkedIn: Sakirul Karim

## EDUCATION

**Drexel University – College of Computing & Informatics**

September 2023 - June 2028

**Major:** Computer Science |

**Organizations:** Cyberdragons, Hack4Impact

**Awards:** Dean's List, Horatio Alger Scholarship Recipient

## SKILLS

*Programming Languages:* Python, Java, JavaScript, HTML, CSS, C, Bash

*Technologies:* Node.js, Git, Linux, React, Vim, IntelliJ

## EXPERIENCE

**Raptor Engineering Co.**

Philadelphia, PA

*Intern*

October 2024 - Present

- Helped develop and improve AI-based landmine detection software, optimizing machine learning models for better accuracy and efficiency across varied datasets
- Facilitated cross-functional team communication to align on key technical decisions for developing a commercially viable second prototype
- Monitored advancements on LLM technologies to identify and incorporate relevant innovations into the project

## PROJECTS

**Banking Management System**

Philadelphia, PA

*Full Stack Developer*

October 2024 - December 2024

- Developed a scalable banking system in Java, using Object-Oriented Programming (OOP) principles to deliver reliable and efficient functionality
- Achieved 95% test coverage with 50+ JUnit test cases through Test-Driven Development (TDD) practices
- Managed version control with Git and GitLab, establishing high-quality code and project management

**StyleSync App**

Philadelphia, PA

*Full Stack Developer*

January 2024 - June 2024

- Collaborated in a team of four to create a virtual wardrobe app using JavaScript, React, and Node.js, enabling users to upload images, organize clothing, and create outfits
- Built features that allowed users to categorize and visualize their wardrobe, improving clothing management
- Utilized Git for version control and adhered to Agile methodologies, ensuring iterative development, consistent progress, and effective teamwork

**Portfolio Website**

Philadelphia, PA

*Full Stack Developer*

June 2024

- Developed a responsive portfolio website using HTML to effectively showcase personal projects, technical skills, and professional experience, enhancing online visibility
- Used CSS to integrate interactive elements to enhance user engagement, navigation, and design

## RELEVANT COURSEWORK

Calculus I,II,III

Data Structures & Algorithms

Intro to Software Engineering & Development

Computer Programming I & II

Math Foundations of Comp Sci.

Computing & Informatics I,II,III