

# Shahriyar Shawon

☎ 484-808-4548 | ✉ [shs96@drexel.edu](mailto:shs96@drexel.edu) | in [linkedin.com/in/shahriyar-shawon/](https://www.linkedin.com/in/shahriyar-shawon/) | 🐙 [github.com/ShahriyarShawon](https://github.com/ShahriyarShawon)

## EDUCATION

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**Drexel University**

Philadelphia, PA

*BS Computer Science*

*May 2025*

**Relevant Coursework**

Calculus 1–2, Computing and Informatics 1–2, Computer Programming 1–2

## EXPERIENCE

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**Owlhacks 2020**

October 2020

- Collectively completed Capture the Flag challenges through solving ciphers, steganography, and exploiting web vulnerabilities

**Lockheed Martin Codequest**

May 2019

- Completed Various Competitive coding challenges on a team using Java
- Designated problems to teammates to efficiently gain points

**LanternFly Hackathon**

November 2019

- Contributed designs of screens for the wire-frame on Android application
- Used Android Studio to design wire frame
- Showcased wire frame to PA Department of Agriculture

## PROJECTS

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**FridgeByte.tech** | *Flask (Python), mongodb, cloudflare, digital ocean, heroku*

February 2021 – Present

- Migrated web app from heroku and cloudfare to digital ocean VPS
- Launched site using nginx as a proxy server
- Set up domain name to digital ocean vps
- Used certbot to gain SSL certificate
- Developed login and register system for users
- Engineered algorithm to search for recipes for a user based on their pantry
- Utilized mongodb to store user data such as emails and pantry items
- Oversaw database creation so that I could properly use it in the backend
- Contributed recommendations for front end UI/UX

**shahriyar.xyz** | *HTML/CSS, nginx*

June 2020 – Present

- Deployed personal static HTML/CSS site onto VPS
- Implemented HTTPS through certbot to get SSL certificate

**LOLComicGrabber** | *Python*

August 2019 – October 2019

- Developed a command line utility to download comics off of league of legends website.
- Published program to python package index (PyPi)
- Utilized web scraping techniques to extract data

## TECHNICAL SKILLS

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**Languages:** Python, Golang, NodeJS, Java, HTML5/CSS3, C

**Frameworks:** Flask

**Developer Tools:** Git, VS Code, Visual Studio, GNU Core Utilities

**Systems:** GNU/Linux, Raspberry Pi, Arduino