

# 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

---

### Drexel University

Philadelphia, PA

*Bachelor of Science in Computer Science GPA: 3.42*

*June 2025*

**Relevant Coursework:** Calculus 1–2, Computing and Informatics 1–3, Computer Programming 1–2, Linear Algebra, Advanced Programming Tools and Techniques

## PROJECTS

---

### FridgeByte | *Flask (Python), MongoDB, Cloudflare, Digital Ocean, Heroku*

February 2021 – June 2021

- Engineered web app to allow users to get recipes based on what they have in their pantry.
- Developed login and register system for users and algorithm to search for recipes for a user based on their pantry
- Migrated web app from Heroku and Cloudflare to a Digital Ocean VPS and deployed site using nginx as a proxy server
- Set up domain name to work with Digital OceanVPS and used certbot to gain SSL certificate
- Oversaw database creation to be able to properly store user data such as emails and pantry items and build a secure login system
- Contributed recommendations for UI/UX

### ShahriyarShawon.com | *HTML/CSS, Nginx*

June 2020 – Present

- Setup DNS Records to connect server to domain name
- 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

## EVENTS

---

### 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

## TECHNICAL SKILLS

---

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

**Frameworks:** Flask

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

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

## CERTIFICATIONS

---

### Testout Certified PC Pro

June 2017

- Performance based certification in computer hardware and operating systems