Shahriyar Shawon

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EDUCATION

Drexel University   Philadelphia, PA
BS Computer Science   *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.tech | *Flask (Python), MongoDB, Cloudflare, Digital Ocean, Heroku*   February 2021 – Present
- Developed login and register system for users
- Engineered algorithm to search for recipes for a user based on their pantry
- Migrated web app from Herokuand Cloudflareto a VPS
- Deployed site using nginx as a proxy server
- Set up domain name to work with VPS
- 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 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

EXPERIENCE

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