# Shahriyar Shawon

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## EXPERIENCE

**Susquehanna International Group (SIG)**                                   Bala Cynwyd, PA
*Corporate Systems Web Developer Co-Op*                                  *September 2021 – Present*
- Developed process that facilitates migration of projects from Perforce to GitLab while preserving their histories.
- Maintained documentation for the process of Perforce to GitLab migration.
- Added new and modified CRUD functionality to various SIG internal web apps
- Deployed .Net Framework applications using Windows IIS
- Set up CI/CD pipelines for projects through GitLab
- Set up SSL certificates in IIS for internal web apps to successfully use https
- Restructured databases to implement new functionality within existing internal web applications

## EDUCATION

**Drexel University**                                                      Philadelphia, PA
*Bachelor of Science in Computer Science*                                          *June 2025*
**Relevant Coursework**: Calculus 1–2, Computing and Informatics 1–3, Computer Programming 1–2(Python), Linear Algebra, Advanced Programming Tools and Techniques (C and Bash), Mathematical Foundations of Computer Science (Racket, Logic), Software Engineering(Java, TDD)

## 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

**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)
- Extracted data by following AJAX requests and procedurally generating links for images and chapters

## TECHNICAL SKILLS

**Languages**: Python, Kotlin, C#, SQL, HTML5/CSS3/Javascript
**Frameworks**: Flask, .Net Core/Framework, Entity Framework, KendoUI, JQuery
**Developer Tools**: Git, VS Code, Visual Studio, Jira, GitLab, CI/CD
**Systems**: Windows (Server), GNU/Linux, Raspberry Pi, Arduino, OSX

## EVENTS

**Owlhacks 2020**                                                         October 2020
- Collectively completed Capture the Flag challenges through solving ciphers, steganography, and exploiting web vulnerabilities

**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

## CERTIFICATIONS

**Testout Certified PC Pro**                                              June 2017
- Performance based certification in computer hardware and operating systems