Shahriyar Shawon

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EXPERIENCE

Susquehanna International Group (SIG)   Bala Cynwyd, PA
Corporate Systems Web Developer Co-Op   *September 2021 – Present*
- Developed and documented process that migrated 3 projects across 2 departments from Perforce to GitLab while preserving their histories.
- Added new and modified CRUD functionality to 4 of SIG's internal web apps
- Deployed .Net Framework applications using Windows IIS
- Setup 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 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

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

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, 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

CERTIFICATIONS

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