Ayon Bhowmick

Computer Science student who is an aspiring full stack developer

Box 6027
4 Farrington Sq.
Bethlehem PA 18015
(424) 335-8411
ayonbhowmick2002@gmail.com

EDUCATION

Lehigh University, Bethlehem PA— *Computer Science B.S.*
August 2020 - Expected Graduation: May 2024
Relevant courses: Introduction to Programming, Programming and Data Structures, System Software, Software Engineering, Programming Languages, Linear Methods

SKILLS

Web Development
React.js, Next.js, Material UI library, Node.js, HTML5/CSS, Heroku cloud platform

Software Engineering
Git (GitHub, Bitbucket, and GitLab), Trello, Agile software development, Software design pattern

Phone App Development
React-Native Javascript framework, Expo universal native apps platform

Desktop App Development
Electron Javascript framework, Tk GUI (Tkinter)

Applications and Software
Visual Studio Code, Postman, Vim, Selenium, GDB

Database
Redis

PROJECTS

Slowloris
December 2019
Used Python to implement a Slowlores DoS attack and made a desktop UI using Tkinter.

Sus Foods
November 2021
Used Node.js, Javascript and React to make a web application that stores the expiration dates of food and designed the UI using Material UI.

The Buzz
September 2021 - December 2021
A class group project to develop a full-stack social media application that used React-Native, and Expo for the phone application, Node.js, React, and Material Ui for the web application, and using PostgreSQL for the server.

AWARDS

HackHolyoke Hackathon Best Sustainability Hack
November 2021
Produced a web application that would store the expiration dates of the food that the user had bought so that the application can remind the user when the food will expire. This is done in an effort to help prevent food waste.

SOFT SKILLS

Creative Problem-Solving
Communication and Presentation Skills
Quick Learner
Inquisitive

PROGRAMING LANGUAGES

Python
Java
Javascript/Typescript
C
Rust

EXPERIENCE

Hepatology Laboratory Intern, Los Angeles CA
June 2019 - August 2019
Conducted experimentation on the connection between Hyaluronan production and the development of liver fibrosis. Worked with a team to develop a presentation to display findings.