

SHIVASHISH UPADHYAY

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[Git Hub](#)

OBJECTIVE

Seeking an internship or co-op to apply my skills and expand my knowledge in diverse areas, including full-stack development and machine learning, with a passion for technology and impactful projects.

EDUCATION

Bachelor of Science in Computer Science

Anticipated: August 2026

Saginaw Valley State University, University Center, MI

GPA: 3.71

RELEVANT COURSE WORK

Statistics

Algorithm Design and Unix

Data Structures

Client and Server-Side Web Development

RELEVANT EXPERIENCE

Data Analyst

September 2024 – Present

SynapsIQ, Ashburn, VA

PCI Value Analysis and Testing:

- Analyzed and monitored **Physical Cell Identifier (PCI)** values to proactively identify and prevent conflicts, optimizing LTE and 5G network performance.
- Conducted speed testing and analyzed datasets on **PCI, EARFCN, TAC**, and other key network parameters, ensuring accurate network configuration and improved operational performance.

Lab Assistant/CS/Math Tutor

May 2023 - Present

Saginaw Valley State University, University Center, MI

- Provided one-on-one and group tutoring in **Mathematics** and programming languages such as **Java, VB.net, JavaScript, HTML**, and **CSS**, improving student performance in foundational computer science courses.

COMPUTER/ TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, Nodejs, VB.net, HTML, CSS, SQL, MongoDB

Platforms and Framework: .Net, React, Express, jQuery, PyCharm, IntelliJ, VS code

Skills: Algorithms, Rest API, Version Control, Data Analysis, Statistical Programming, Strong Communication

PROJECTS

Application to generate end-of-report Summaries

Developed an application for Grocery stores to generate end-of-report summaries based on scanned lottery tickets. (GitHub link: [Sample](#)).

Weather Go: Generate real-time weather conditions of the desired place. Use of open weather API. (GitHub link: [weather app](#))

Library Management System | Python, SQL: Created a basic library management system where users (librarians) can add, delete, and manage books. (GitHub link: [library](#))

Music Playlist Manager: Developed a Music Playlist Manager web app using Node.js, Express, MongoDB, and Handlebars, with features like CRUD operations, user authentication, and playlist sharing.

LEADERSHIP & ACHIEVEMENTS

Best Tutor of the Month

Facilitator, AI Workshops for College Students

Recipient: Red, White, and International Presidential Scholarship