

# Shobhit Sharma

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## OBJECTIVE:

Driven software engineering student with strong problem solving skills and a collaborative mindset. Eager to grow and contribute to a dynamic team in a challenging co-op/internship position.

## EDUCATION:

**Rochester Institute of Technology (RIT)**, Rochester, NY

*Bachelor of Science, Software Engineering,*

*Minor in History, Political Science*

*Expected Graduation: May 2026*

**Salient Coursework:** Software Development and Problem Solving I (Intro to **Python**), Software Development and Problem Solving II (Intro to **Java**), Intro to Software Engineering (Intro to **Java Spring**, **REST API**, **JSON**, **Angular**), Personal Software Engineering (Intro to **C**), Engineering Of Software Subsystems (Intro to **Architectural Design**, **UML**, **Sequence Diagrams**, **SOLID**, **GRASP** and **Design Patterns**), Web Engineering (Intro to **Relational Database Management** with **Psycopg2** and **PostgreSQL**, **Flask**, and **React.js**), Software Process and Project Management (Intro to **PM** and **Risk Mitigation**)

## SKILLS:

**Technologies Actively Learning:** PHP, JavaScript

**Technologies Familiar With:** HTML, CSS, C, SQL, Flask, REST APIs, Spring, Mockito, JUnit, Docker, JaCoCo, Trello

**Technologies Proficient In:** Java, Python, UNIX, MacOS, Visual Studio Code, Git, GitHub, GitLab

## PROJECTS:

*E-Commerce Website*, Introduction to Software Engineering

August 2023 - December 2023

- Collaborated with a team of three to build a rudimentary full-stack e-commerce website representing the sale of NHL Jerseys using Angular (HTML, CSS, TypeScript) and REST APIs (Java) alongside Git for version control and GitHub as a team repository
- Implemented (both frontend and backend): a functional search bar, sorting functionality, multi-panel product browsability, add to cart functionality, user login, administrator login, customer checkout, and gift giving functionality
- Guided with OpenUP and Agile-Scrum methodologies, including Spikes, Epics, User Stories, daily standup meetings (in-class or via Slack), and visual board team organization (Trello)
- Cooperated with mock product manager (professor) to meet and understand product requirements regularly and empathize with the end users/customers as well as product owner

*Personal Website*, Independent

December 2023 - January 2024

- Created a basic website in HTML, CSS, and JavaScript using Git for version control and GitHub as a repository to showcase my skills and coursework, hosted live on GitHub Pages at **shobhitsharma.me**

*Rush Hour*, Software Development and Problem Solving II

April 2023 - May 2023

- Engineered a JavaFX-based simulation of the "Rush Hour" game in collaboration with a team of two, employing Visual Studio Code for development and Git/GitHub for version control and repository management
- Applied the Model-View-Controller (MVC) architectural pattern and event-driven programming logic to successfully program and enhance the game's functionality

## HONORS & ACTIVITIES:

- Presidential Scholarship | Issued by Rochester Institute of Technology | August 2022
- Seal of Biliteracy Fluency in English and Spanish | Issued by New York State Education Department | May 2022
- Poverty Alleviation | Samaritan Center | Volunteer | December 2018