

Shabir Zahir

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EDUCATION

Queens College, City University of New York

Expected: **May 2026**

Bachelor's in Computer Science

3.81/4.0 GPA

Awards: Dean's List for all semesters

Relevant Coursework: Data Structures & Algorithms, Theory Of Computation, Object Oriented Programming, Computer Architecture, Discrete Structures, Discrete Math, Calculus I & II, Linear Algebra, Probability and Statistics I & II, Linear Programming

EXPERIENCE

Google Software Engineering Program (G-SWEP)

March 2024 - May 2024

- Participated in a 10-week rigorous technical mentoring program led by a Google Software Engineer.
- Enhanced technical problem-solving and interview skills through weekly 1:1 meetings.

Code For ALL

December 2022 - Present

- Active Member in Queens College Coding Club consisting of more than 1200 members.
- Gained career support and academic help to amplify technical and coding skills through events, and daily discussions.

PROJECTS

Queens College Schedule Creator in Python

- Created Queens College Course schedule generator based on input required courses.
- Leveraged Selenium to scrape professor information to generate favorable academic schedules. Established Professor rating system from Queens College Grade Distributions and Rate My Professor API
- Applied a backtracking algorithm to explore all possible schedules and assigned a rating for each schedule

Black Jack Game

- Created text based Casino Style Black Jack game in Python.
- Executed Shuffling algorithms and followed casino standards using Numpy.

Recipe Web Page in HTML

- Implemented Web Page which allows users to see a variety of Recipes.
- Incorporated Links and images to web pages and employed lists and headers to highlight features like ingredients, serving sizes and summarize of food.

SKILLS

Languages: Python, C++, Java, JavaScript, HTML, CSS

Tools & Libraries: Git, VS code