

## DEEP PATEL

deeppankajpatel@gmail.com • [LinkedIn](#) • 551-240-1269 • [deep2003.github.io](#)

## EDUCATION

### RUTGERS UNIVERSITY - New Brunswick, NJ

Dean's List

Bachelors in Computer Science

Dec 2025

Minor in Business Administration, Minor in Economics

#### Relevant Coursework:

Data Structures, Computer Architecture, Systems Programming, Software Methodology, Design and Analysis of Algorithms, Discrete Structures I, Discrete Structures II, Business Analytics, Econometrics, Supply Chain Analytics, Macroeconomics, Intermediate Microeconomic Analysis, Financial Accounting, Strategic Presentation

I am seeking internships in software engineering and consulting, more specifically, full stack engineering and business/IT consulting, but I am open to all positions to gain meaningful experience.

## SKILLS

- Java
- Python
- C
- HTML & CSS
- SQL
- Microsoft Office Suite
- Financial Analysis
- Problem Solving
- Analytical Thinking
- Client Relationships

## PROFESSIONAL EXPERIENCE

### DS DIAMONDS INC.

New York, NY

Invoicing and Accounts Handling Assistant

Oct 2021 - Present

- Responsible for accounts payable and transfers to suppliers
- Analyzed inefficiencies in company processes to minimize costs and maximize profits and decrease the operating cycle.
- Managed accounts receivable operations to guarantee payment accuracy and timeliness
- Utilized excel to maintain inventory and professionally invoice customers

## PROJECTS

Stock Screening and Analysis Toolkit - Python

Jun 2022 - Present

- Utilized the yahooquery API to screen and analyze stocks
- Accessed the python Requests module to scrape data from Zacks Investment Research.
- Presented data in informational and concise graphs using Matplotlib
- Used pandas data frames and python dictionaries to organize, process, and present data

Data Compression Using Huffman Coding Algorithm - Java

Mar 2022

- Implemented a text compression algorithm called Huffman Coding that can compress text files by up to 80% using arrays, lists, trees, stacks, and queues.
- Created a frequency table of characters within the text file and used 1s and 0s to encode characters and compress the text file.

Unix-style Shell - C

Mar 2023

- Designed a unix-like shell that allows users to execute commands in interactive and bash mode using C
- Made use of the POSIX API, piping, forks, and executions to execute commands and redirect inputs and outputs

Digital Circuit - C

Dec 2022

- Simulated a logical circuit involving components such as Multiplexers, Decoders, AND gates, etc.using Linked Lists and Structs
- Created a system of two linked lists to keep track of variables and outcomes.