

Aditya Parekh

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- Proficient in Java, Python, C, SQL, SAS, with expertise in data analytics, machine learning, artificial intelligence, and software development.
- Excellent track record leading research projects and cross-functional team collaboration.

EXPERIENCE

Kean University — Teaching Assistant & Computer Science Tutor

SEP 2023 - PRESENT

- Conducted supplemental instruction for CPS 2231 – Object-Oriented Programming in Java, assisting students in mastering Java programming concepts.
- Designed and delivered weekly review sessions and held office hours, fostering an engaging learning environment and collaborating with the course instructors.
- Computer Science tutor at Kean University, assisting students in Data Structures, Java, Python, C, and SQL

AI4ALL — Lead Developer

FEB 2023 - MAY 2023

- Led a group of 7 on an Artificial Intelligence research project to imitate the Instagram personalized advertisement algorithm using an unsupervised K-Means clustering machine learning algorithm.

Rogers Communications — Data Analyst Intern

MAY 2022 - JULY 2022

- Gathered and analyzed data on customer interaction with Rogers' website from 2020-2022 to determine the level of customer satisfaction achieved through the company's digital platforms.
- Retrieved, analyzed, modified, and visualized digital data using SAS and SQL, eventually delivering an interactive dashboard on PowerBI for the team to make informed decisions.

Fortune500 Investment Management Firm — SWE Intern

DEC 2021 - FEB 2022

- Worked with cross-functional IT & business teams across multiple locations and time zones on Equity Portfolio ReBalancing project leveraging Percentage-Of-Portfolio algorithm. Loaded order files through ETL process, computed order quantities, and generated trade files to be executed by Aladdin-Blackrock system.
- Supported L1-L3 teams, documenting processes, participating in agile Scrum ceremonies in a dynamic environment.

EDUCATION

Kean University — BSc Computer Science

Expected Grad: May 2025

Awards: Dean's Honors List

GPA 3.8/4.0

SKILLS

Languages/Frameworks: Java, Python, C, C#, SQL, .NET.

Development tools: Git, GitHub, Jira, Confluence, Android Studio.

Concepts: AWS, Agile, SDLC.

CERTIFICATIONS

Lyft | Back-End Engineering Experience Program

JPMorgan Chase & Co. | Software Engineering Experience Program

Electronic Arts | Software Engineering Experience Program

Accenture | Developer Experience Program

PROJECTS

RecipeApp | Developed a REST API enabling access to a database of 5000+ random recipes.

GRAFFIT | Designed a C-based social media platform using graphs, recursion and BFS.

PlantPedia | Developed a Python app for plant recognition using CV, achieving 95% accuracy.

EXTRACURRICULAR

NJ-GMIS TEC Conference | Representative at NJ-GMIS TEC Conference, participating in cloud computing workshops. Presented insights to peers and introduced new AI and data analytics trends.